

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
 Data File : BF092876.D
 Acq On : 9 Feb 2017 1:46
 Operator : SJ/MA
 Sample : I1754-09MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMSD

Quant Time: Feb 09 02:37:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	144675	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	552463	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	323099	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	470446	20.00	ng	0.00
75) Chrysene-d12	14.08	240	337911	20.00	ng	0.01
86) Perylene-d12	15.52	264	360243	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	408	0.05	ng	0.03
7) Phenol-d6	6.54	99	34637	3.19	ng	0.01
23) Nitrobenzene-d5	7.47	82	956563	96.42	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.26	172	1731996	97.12	ng	0.00
78) Terphenyl-d14	13.01	244	1475310	102.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	161377	35.42	ng	# 85
3) Pyridine	3.25	79	454431	39.22	ng	87
4) n-Nitrosodimethylamine	3.40	42	145685	26.78	ng	91
6) Aniline	6.56	93	324373	21.92	ng	# 48
10) Phenol	6.56	94	69414	5.47	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	407246	40.19	ng	90
12) 1,3-Dichlorobenzene	6.84	146	477196	43.79	ng	98
13) 1,4-Dichlorobenzene	6.91	146	477992	43.34	ng	99
14) 1,2-Dichlorobenzene	7.07	146	471824	44.74	ng	98
15) Benzyl Alcohol	7.05	79	381911	47.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	793035	45.05	ng	94
17) 2-Methylphenol	7.17	107	41762	5.23	ng	# 58
18) Hexachloroethane	7.41	117	164662	43.74	ng	90
19) n-Nitroso-di-n-propylamine	7.31	70	324609	47.00	ng	96
20) 3+4-Methylphenols	7.32	107	63408	6.64	ng	# 85
22) Acetophenone	7.31	105	605258	47.98	ng	# 93
24) Nitrobenzene	7.48	77	444554	43.64	ng	98
25) Isophorone	7.72	82	1089928	58.96	ng	100
26) 2-Nitrophenol	7.72	139	18612	3.84	ng	# 67
27) 2,4-Dimethylphenol	7.85	122	64506	7.59	ng	93
28) bis(2-Chloroethoxy)methane	7.94	93	588487	48.07	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	405053	47.39	ng	94
31) Naphthalene	8.21	128	4051707	144.67	ng	99
32) Benzoic acid	7.97	122	13247	9.50	ng	# 16
33) 4-Chloroaniline	8.26	127	343232	31.25	ng	95
34) Hexachlorobutadiene	8.32	225	206371	43.88	ng	98
35) Caprolactam	8.59	113	74029	29.67	ng	# 48
37) 2-Methylnaphthalene	8.90	142	1976912	109.94	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	363125	40.04	ng	98
40) Hexachlorocyclopentadiene	9.05	237	230423	56.31	ng	96
45) 1,1'-Biphenyl	9.37	154	1534428	65.59	ng	99
46) 2-Chloronaphthalene	9.39	162	849671	46.42	ng	96
47) 2-Nitroaniline	9.48	65	254295	41.33	ng	97
48) Acenaphthylene	9.80	152	1363851	43.14	ng	99

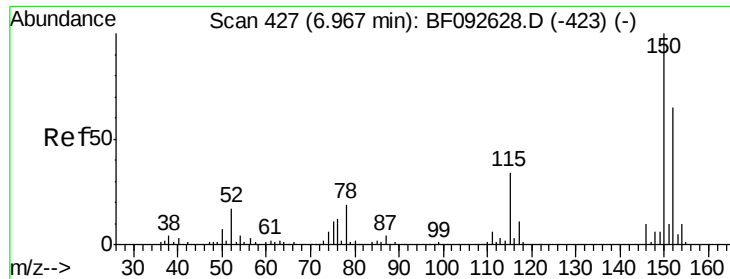
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dimethylphthalate	9.66	163	468790	21.54	ng	100
50) 2,6-Dinitrotoluene	9.73	165	223771	47.61	ng	93
51) Acenaphthene	9.98	154	2302613	121.81	ng	97
52) 3-Nitroaniline	9.90	138	240671	44.75	ng	82
53) 2,4-Dinitrophenol	10.22	184	1801	5.44	ng	# 76
54) Dibenzofuran	10.16	168	3123238	123.53	ng	91
55) 4-Nitrophenol	10.16	139	1127861	291.14	ng	# 5
56) 2,4-Dinitrotoluene	10.13	165	215106	34.38	ng	# 89
57) Fluorene	10.50	166	2458872	126.41	ng	97
59) Diethylphthalate	10.36	149	720446	35.13	ng	96
60) 4-Chlorophenyl-phenylether	10.49	204	342888	36.69	ng	# 72
61) 4-Nitroaniline	10.51	138	238118	43.22	ng	89
62) Azobenzene	10.64	77	915456	43.21	ng	88
64) 4,6-Dinitro-2-methylphenol	10.58	198	235	2.75	ng	# 1
65) n-Nitrosodiphenylamine	10.60	169	947772	63.07	ng	98
66) 4-Bromophenyl-phenylether	10.97	248	238082	48.44	ng	96
67) Hexachlorobenzene	11.05	284	246144	50.68	ng	94
68) Atrazine	11.14	200	268142	55.60	ng	97
70) Phenanthrene	11.47	178	8198337	304.17	ng	99
71) Anthracene	11.47	178	8198337	302.89	ng	98
72) Carbazole	11.66	167	1887768	72.96	ng	99
73) Di-n-butylphthalate	11.98	149	1293973	46.24	ng	# 98
74) Fluoranthene	12.66	202	5005442	180.04	ng	97
76) Benzidine	12.76	184	391889	27.22	ng	96
77) Pyrene	12.89	202	4134415	163.49	ng	97
79) Butylbenzylphthalate	13.48	149	450578	43.88	ng	89
80) Benzo(a)anthracene	14.07	228	2069258	100.12	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	245958	33.39	ng	97
82) Chrysene	14.10	228	1553477	80.28	ng	98
83) Bis(2-ethylhexyl)phthalate	14.04	149	836245	59.55	ng	# 97
84) Di-n-octyl phthalate	14.65	149	1275042	55.75	ng	97
85) Indeno(1,2,3-cd)pyrene	16.96	276	1078729	71.97	ng	96
87) Benzo(b)fluoranthene	15.13	252	2613182	110.21	ng	99
88) Benzo(k)fluoranthene	15.13	252	2613182	127.64	ng	98
89) Benzo(a)pyrene	15.46	252	1178797	57.47	ng	99
90) Dibenzo(a,h)anthracene	16.97	278	838349	50.57	ng	99
91) Benzo(g,h,i)perylene	17.39	276	946540	56.52	ng	# 95

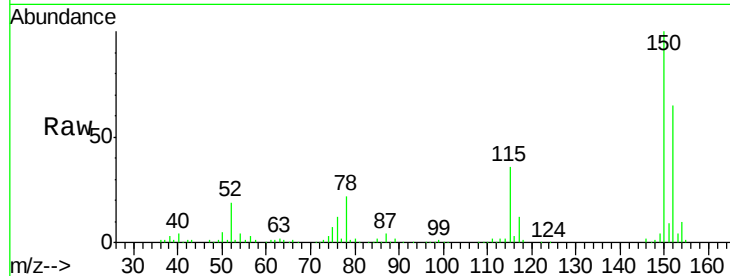
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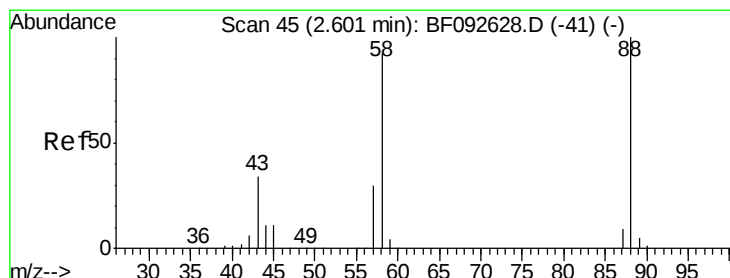
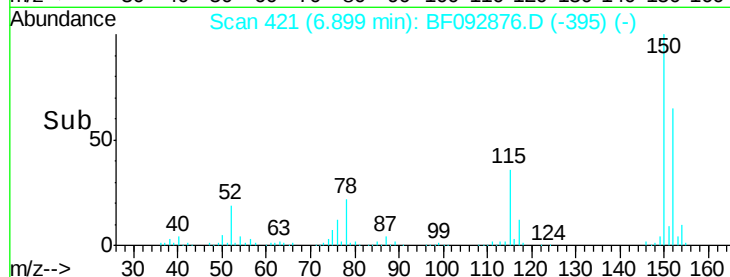
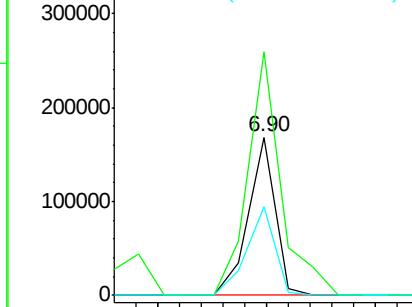
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

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 BNA_F
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 E2-B1-B2021-CONCRETEMSD

Tgt Ion:152 Resp: 144675
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.9 187.3
 115 56.1 46.0 69.0

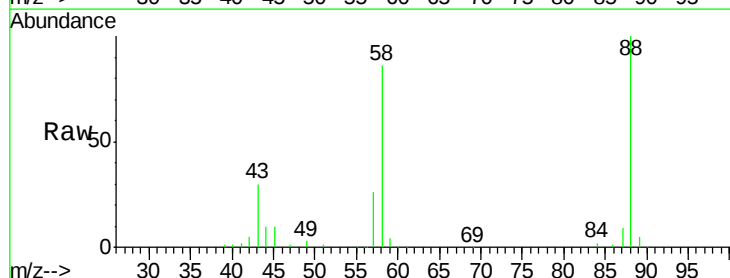


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

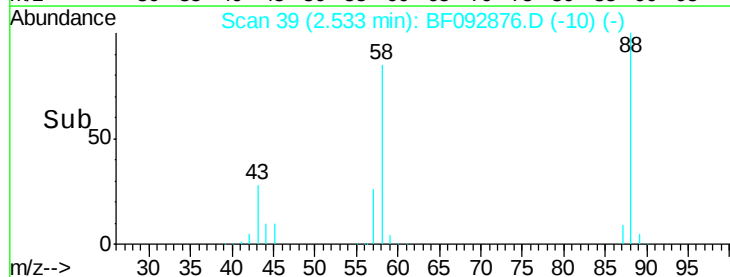
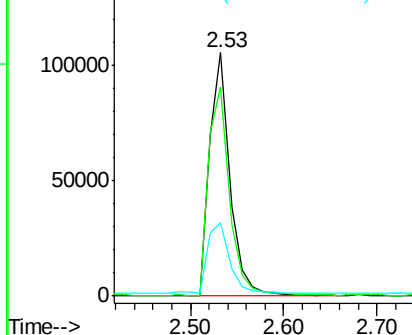


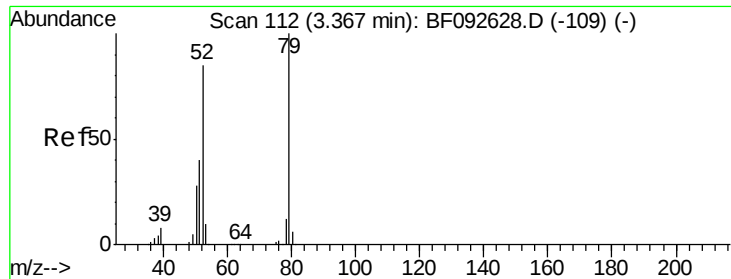
#2
 1,4-Dioxane
 Concen: 35.42 ng
 RT: 2.53 min Scan# 39
 Delta R.T. 0.03 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Tgt Ion: 88 Resp: 161377
 Ion Ratio Lower Upper
 88 100
 58 88.1 57.8 86.8#
 43 31.0 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.22 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.03 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

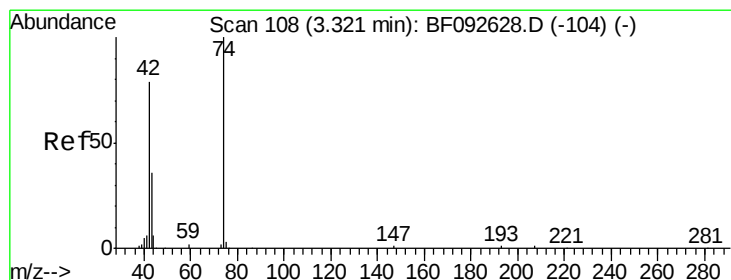
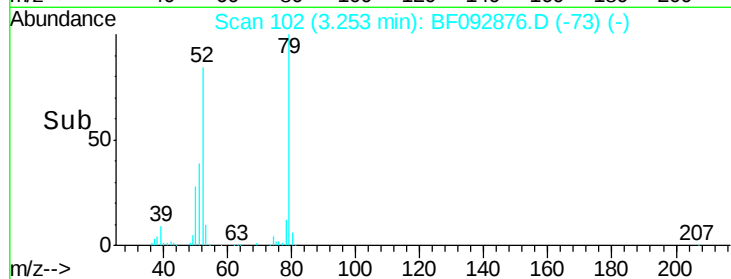
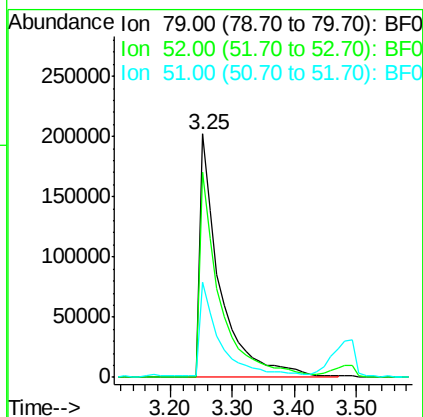
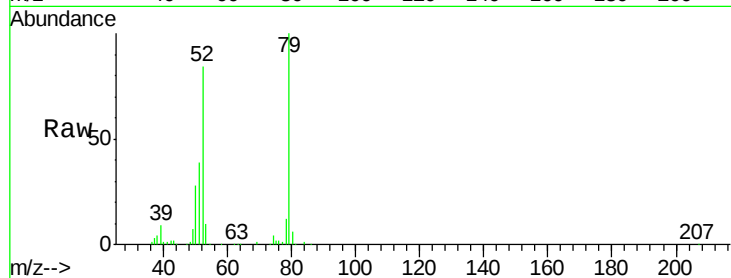
Tgt Ion: 79 Resp: 454431

Ion Ratio Lower Upper

79 100

52 84.1 57.1 85.7

51 39.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 26.78 ng

RT: 3.40 min Scan# 115

Delta R.T. 0.22 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

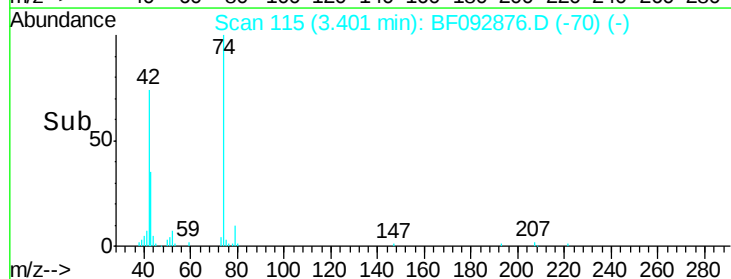
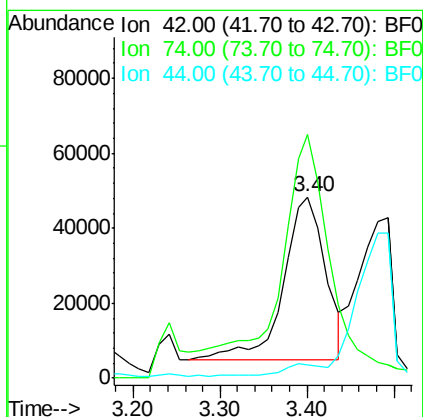
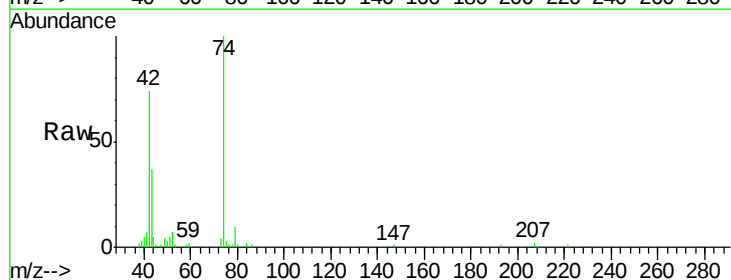
Tgt Ion: 42 Resp: 145685

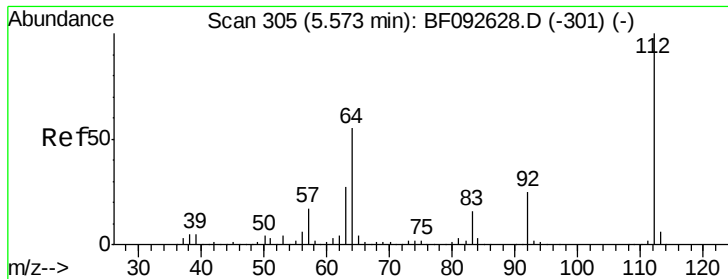
Ion Ratio Lower Upper

42 100

74 134.5 117.0 175.4

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 0.05 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.03 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

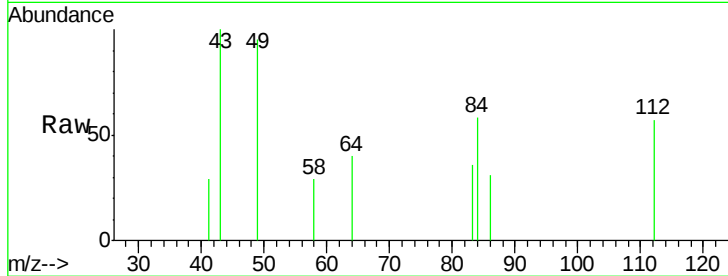
Instrument :

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ClientSampleId :

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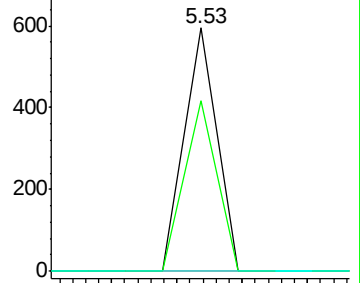
Tgt Ion:	112	Resp:	408
Ion	Ratio	Lower	Upper
112	100		
64	69.9	46.1	69.1#
63	0.0	23.8	35.6#



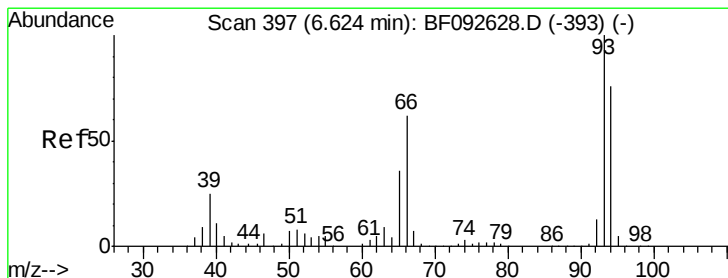
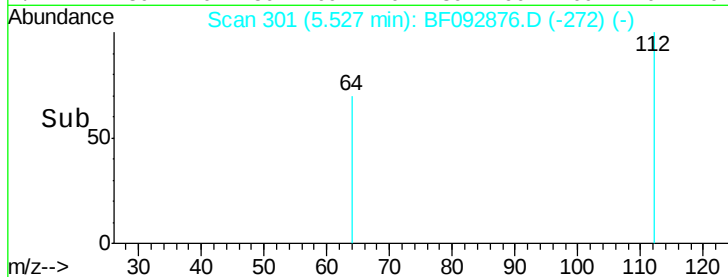
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 21.92 ng

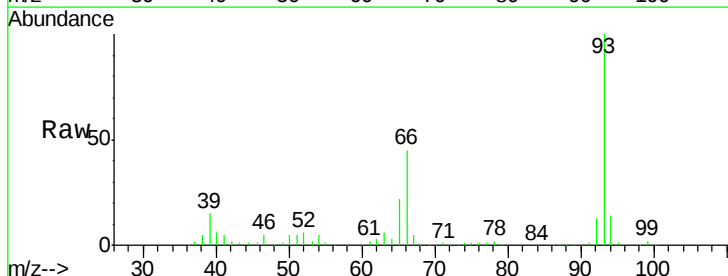
RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

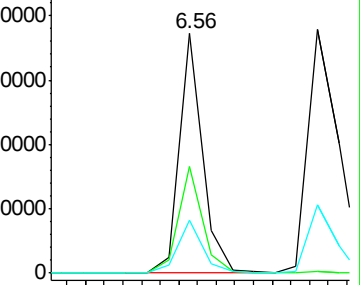
Tgt Ion:	93	Resp:	324373
Ion	Ratio	Lower	Upper
93	100		
66	44.6	76.2	114.2#
65	21.8	49.3	73.9#



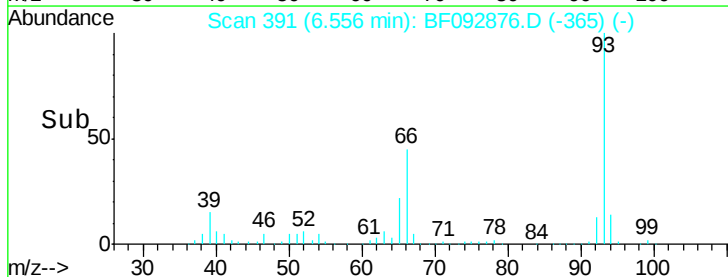
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->





#7

Phenol-d6

Concen: 3.19 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

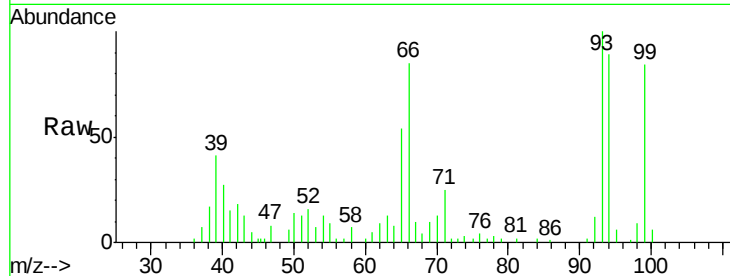
Tgt Ion: 99 Resp: 34637

Ion Ratio Lower Upper

99 100

42 21.4 15.6 23.4

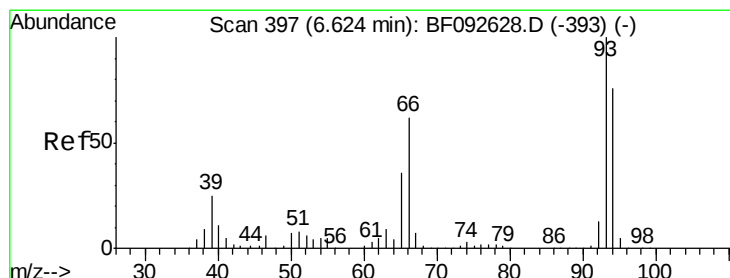
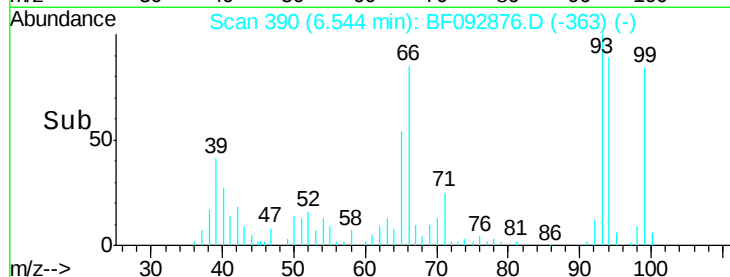
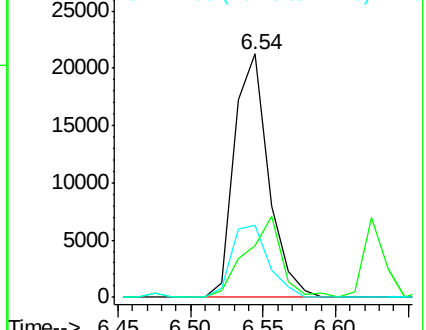
71 29.8 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 5.47 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

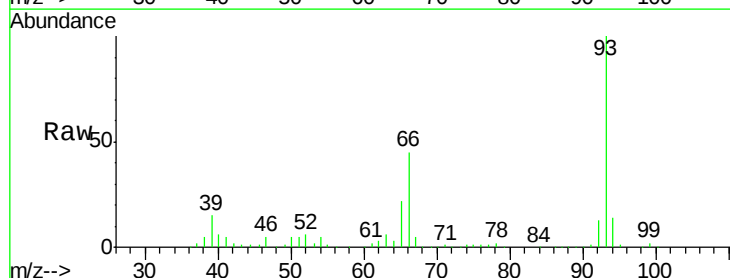
Tgt Ion: 94 Resp: 69414

Ion Ratio Lower Upper

94 100

65 154.2 21.4 61.4#

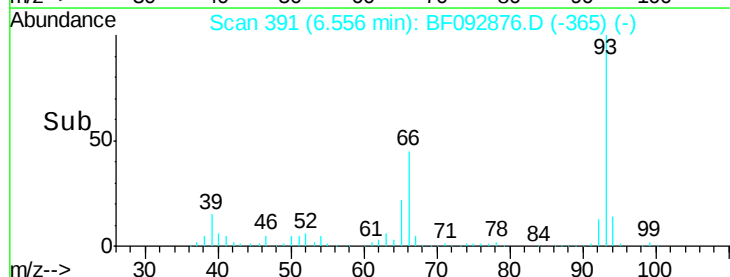
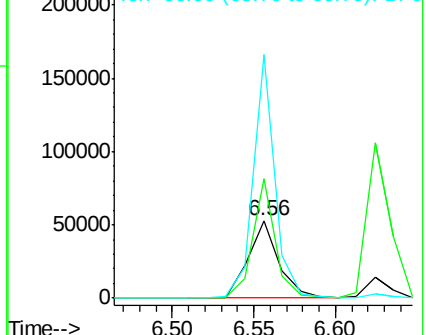
66 315.0 44.0 84.0#

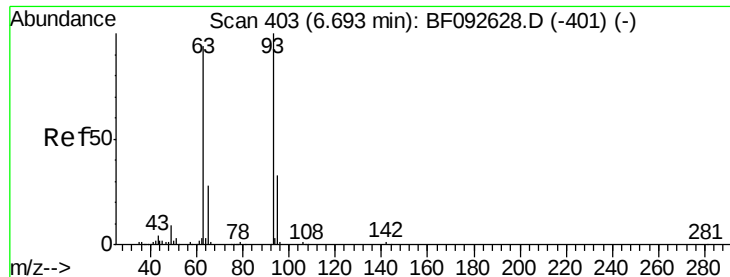


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

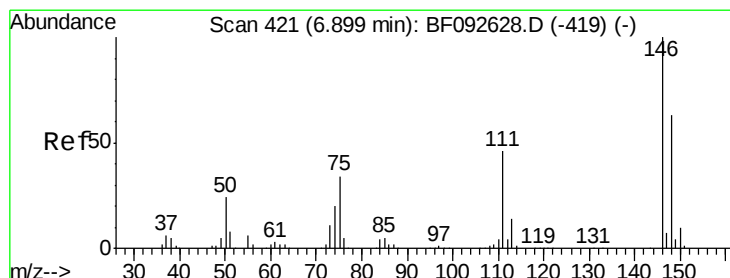
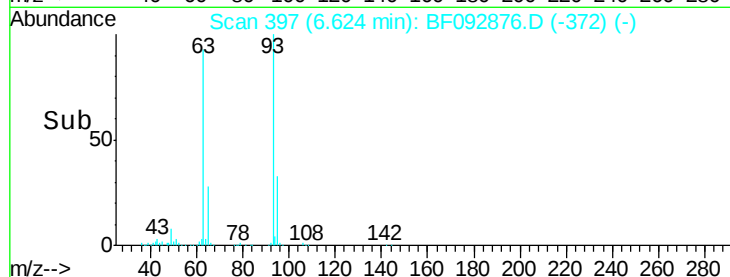
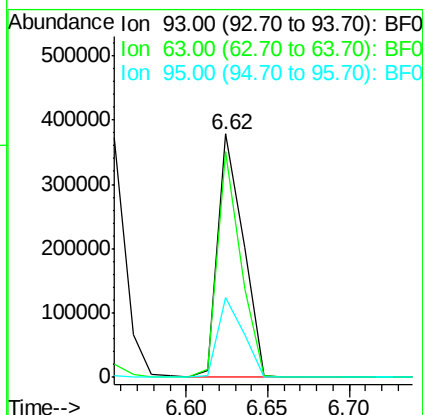
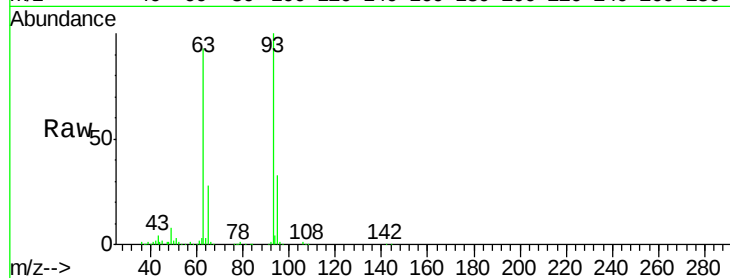




#11
bis(2-Chloroethyl)ether
Concen: 40.19 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

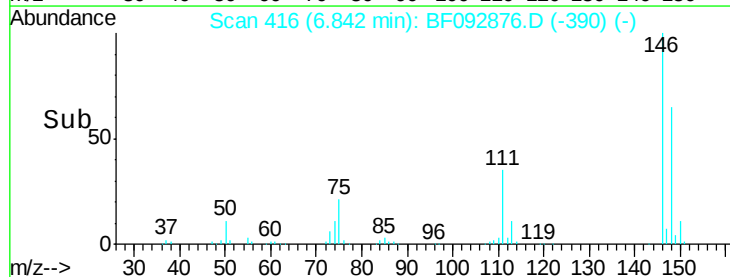
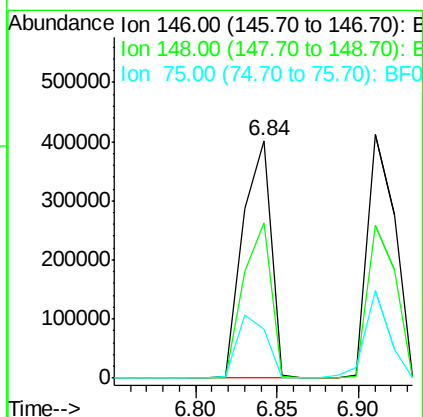
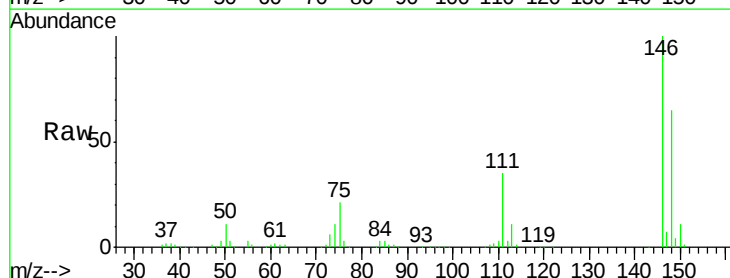
Instrument :
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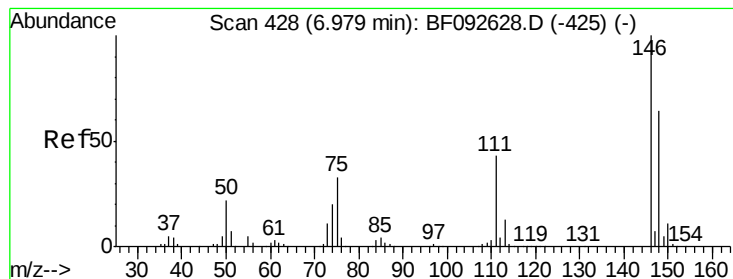
Tgt Ion: 93 Resp: 407246
Ion Ratio Lower Upper
93 100
63 92.8 60.4 100.4
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.79 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion: 146 Resp: 477196
Ion Ratio Lower Upper
146 100
148 65.4 53.4 80.0
75 20.8 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 43.34 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

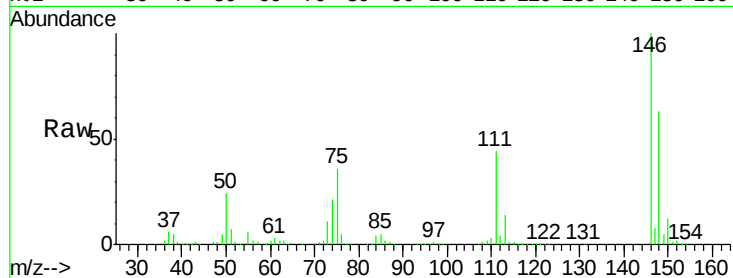
Tgt Ion:146 Resp: 477992

Ion Ratio Lower Upper

146 100

148 62.7 50.6 76.0

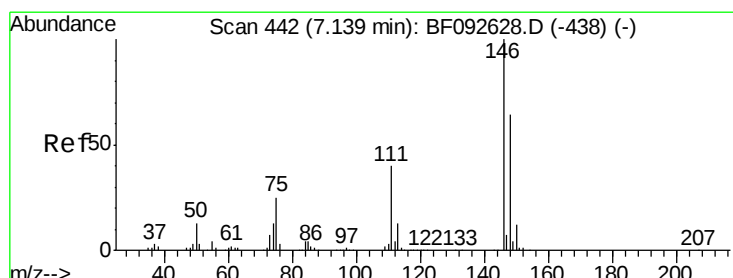
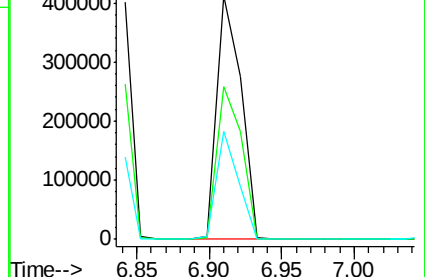
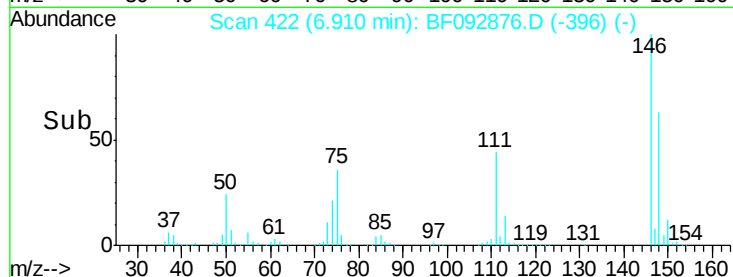
111 44.3 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.74 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

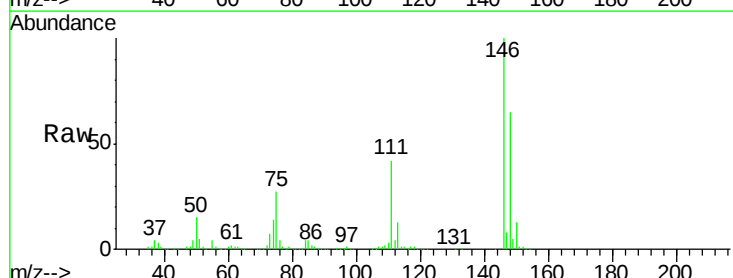
Tgt Ion:146 Resp: 471824

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

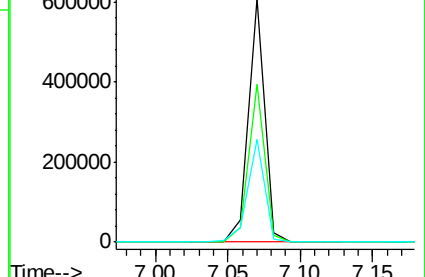
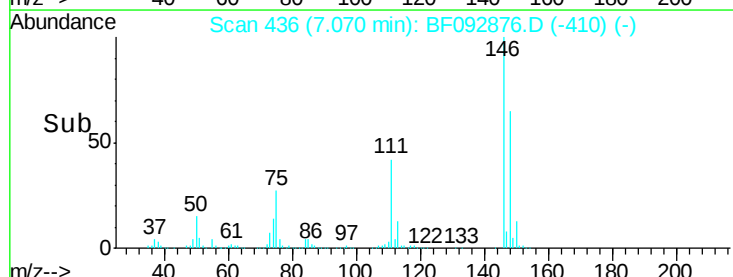
111 42.0 36.2 54.2

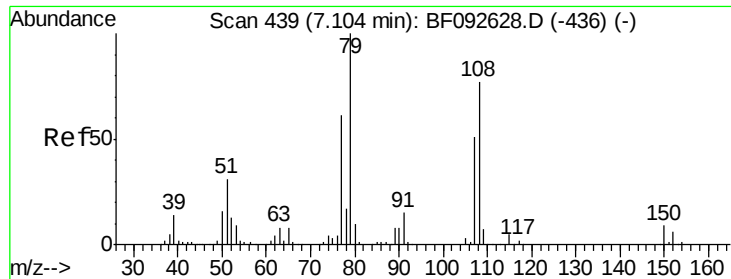


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

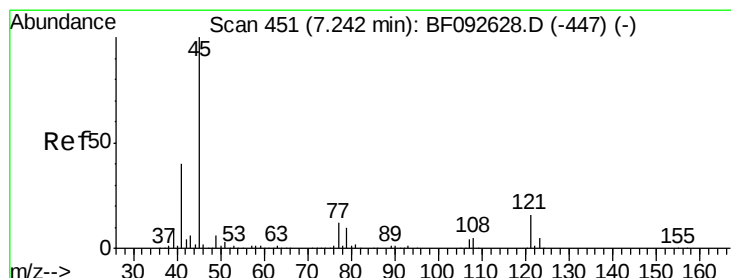
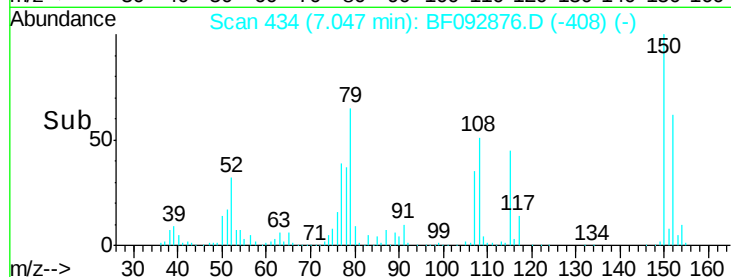
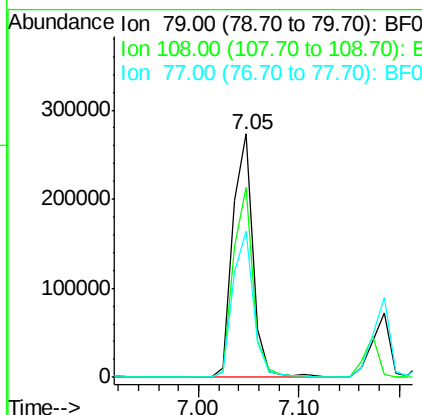
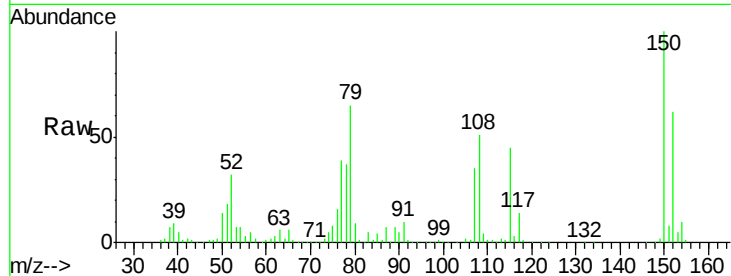




#15
Benzyl Alcohol
Concen: 47.54 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

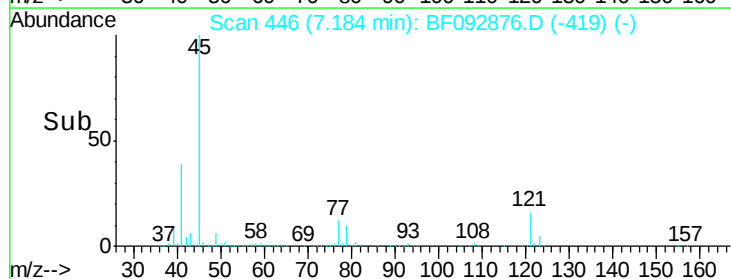
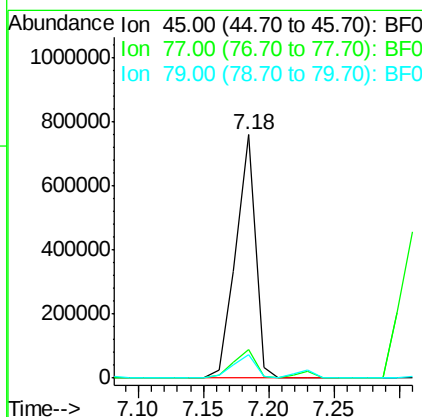
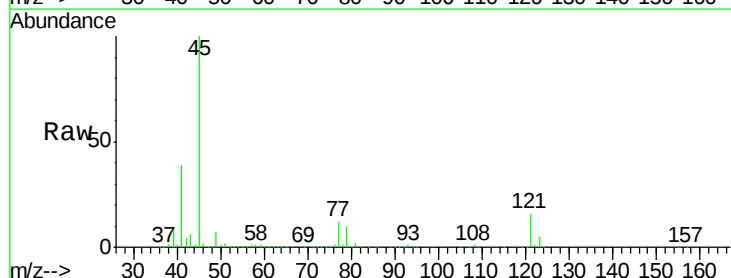
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMSD

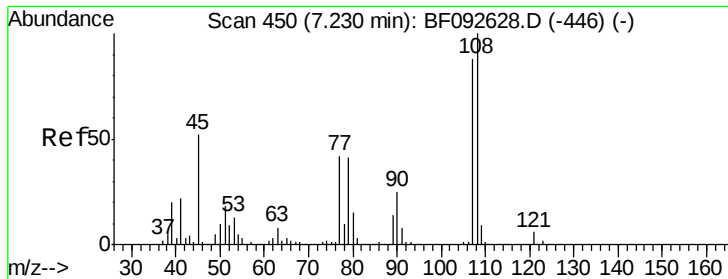
Tgt Ion: 79 Resp: 381911
Ion Ratio Lower Upper
79 100
108 78.1 61.4 92.0
77 60.3 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.05 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion: 45 Resp: 793035
Ion Ratio Lower Upper
45 100
77 11.7 0.0 34.6
79 9.5 0.0 31.2

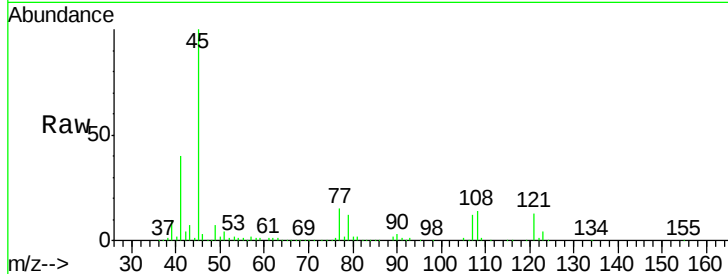




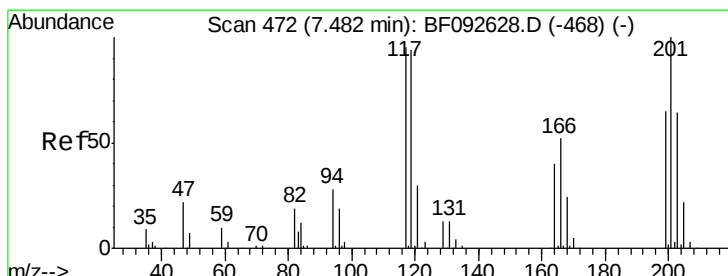
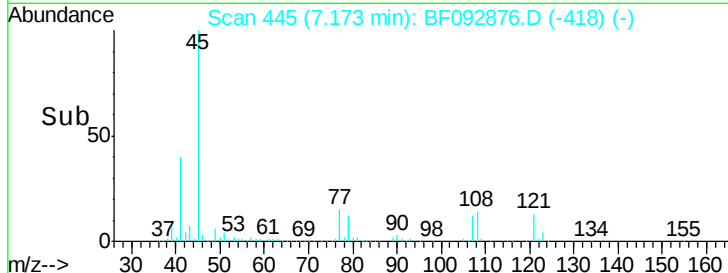
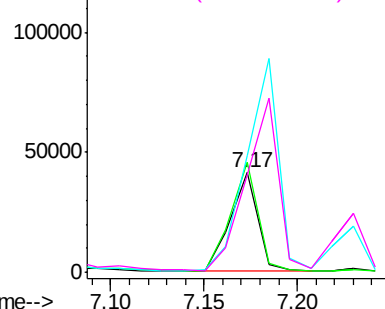
#17
2-Methylphenol
Concen: 5.23 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMSD

Tgt Ion:107 Resp: 41762
Ion Ratio Lower Upper
107 100
108 110.9 93.0 139.6
77 116.9 39.8 59.8#
79 97.4 38.0 57.0#

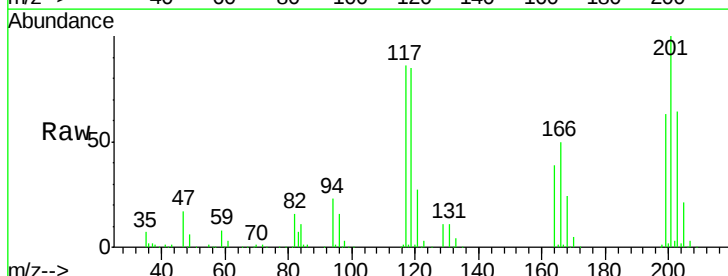


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

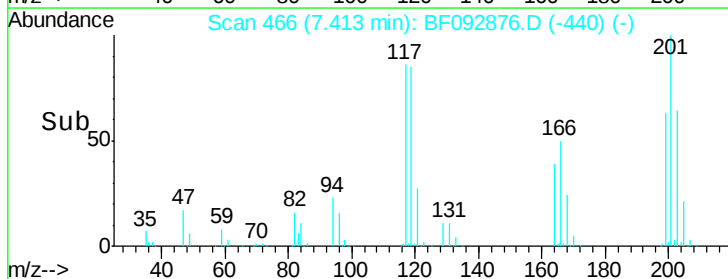
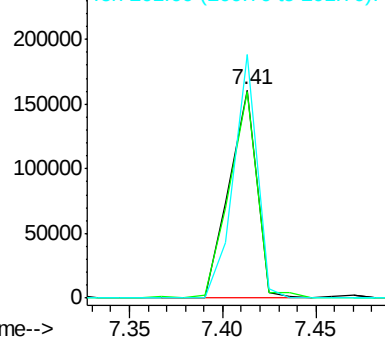


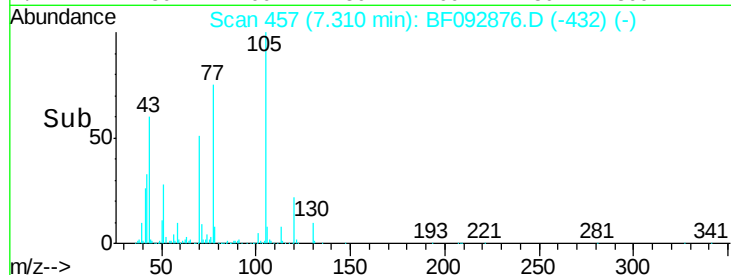
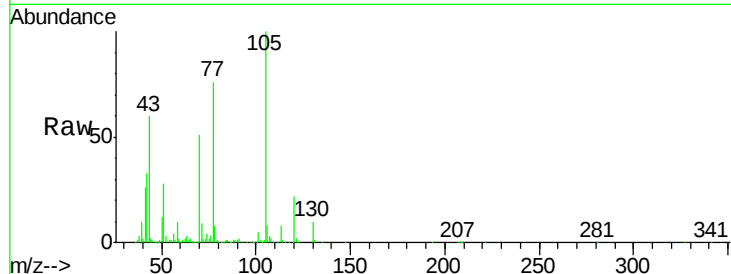
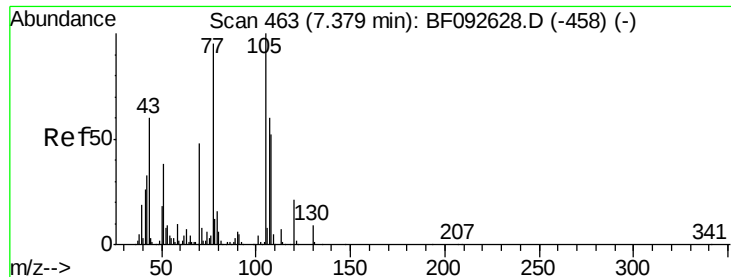
#18
Hexachloroethane
Concen: 43.74 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion:117 Resp: 164662
Ion Ratio Lower Upper
117 100
119 99.3 78.1 117.1
201 116.8 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

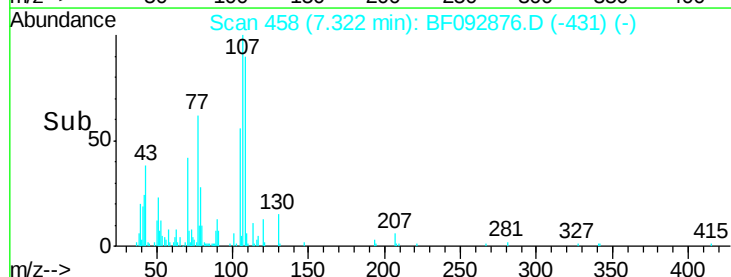
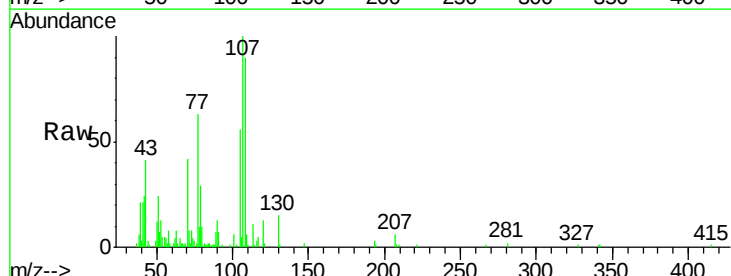
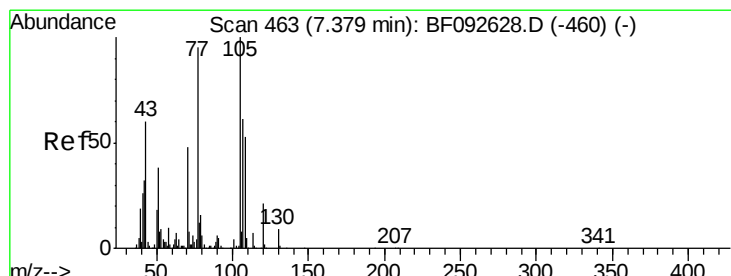
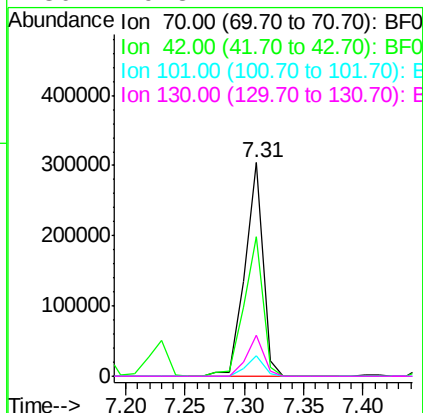




#19
n-Nitroso-di-n-propylamine
Concen: 47.00 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

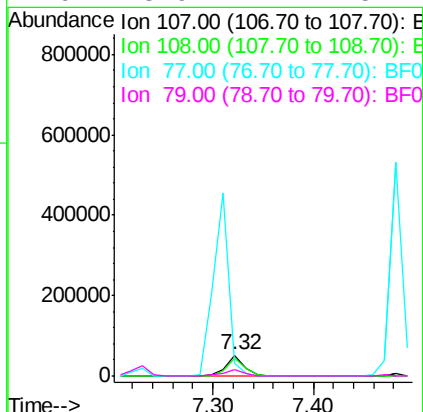
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMSD

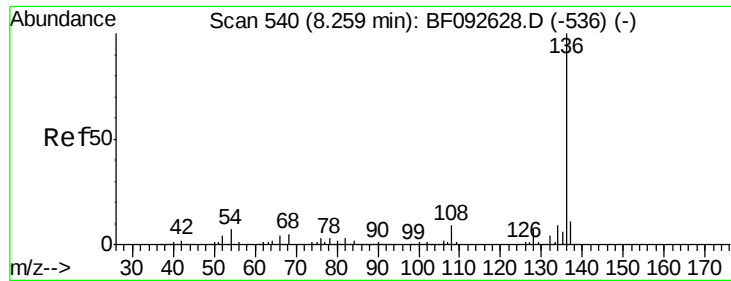
Tgt Ion:	70	Resp:	324609
Ion Ratio	Lower	Upper	
70	100		
42	65.1	49.4	74.0
101	9.6	7.4	11.2
130	19.3	14.2	21.4



#20
3+4-Methylphenols
Concen: 6.64 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion:	107	Resp:	63408
Ion Ratio	Lower	Upper	
107	100		
108	89.5	73.0	113.0
77	62.8	71.3	111.3#
79	28.9	11.1	51.1

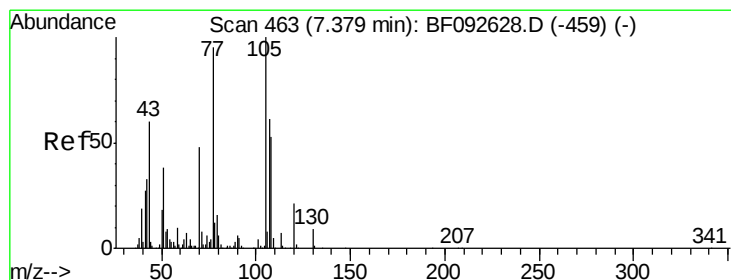
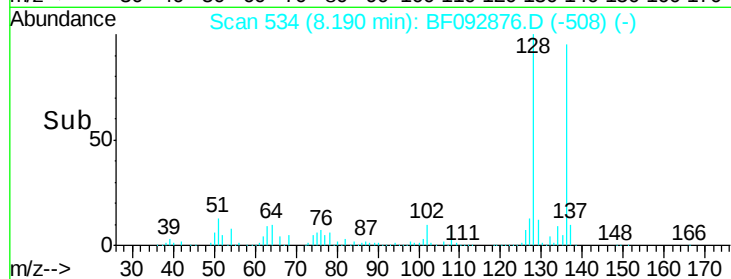
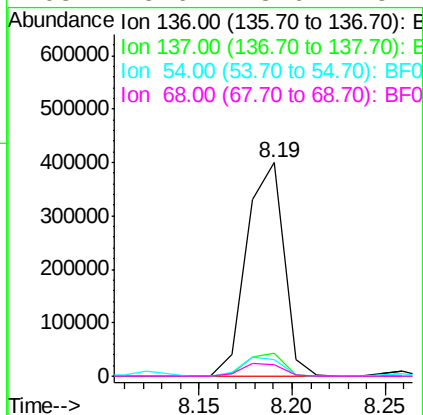
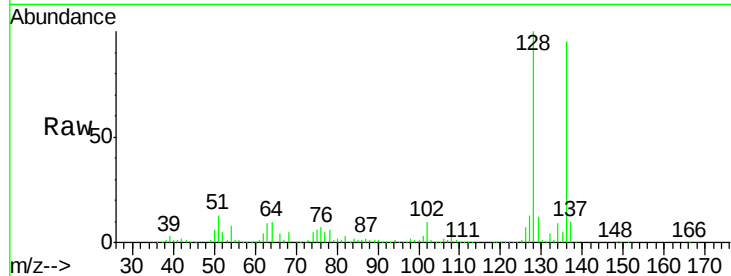




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

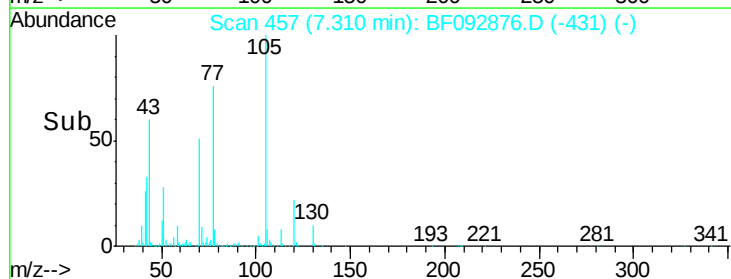
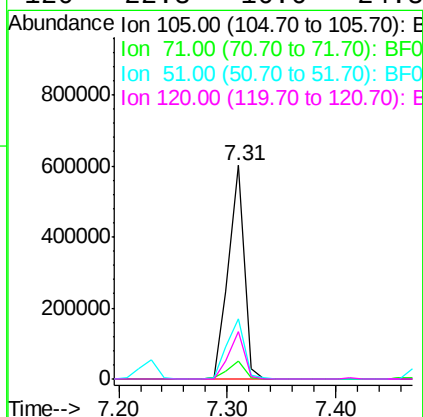
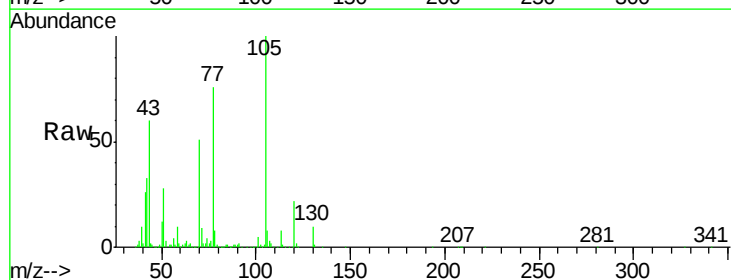
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMSD

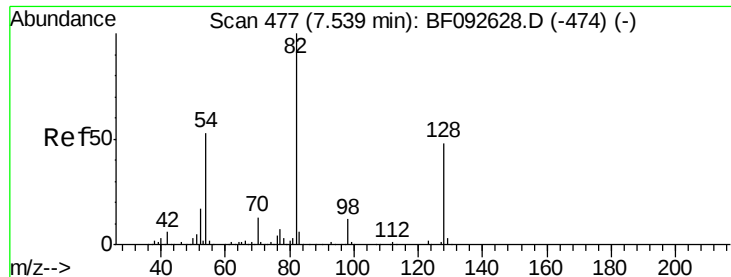
Tgt Ion:	136	Resp:	552463
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.4	12.6
54	8.1	4.5	6.7#
68	5.6	3.6	5.4#



#22
Acetophenone
Concen: 47.98 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion:	105	Resp:	605258
Ion Ratio	Lower	Upper	
105	100		
71	8.6	3.2	4.8#
51	28.5	26.2	39.4
120	22.3	16.6	24.8

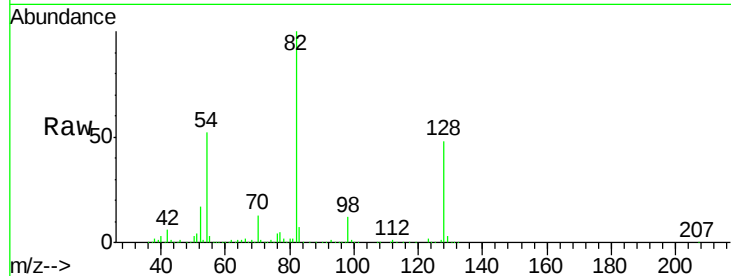




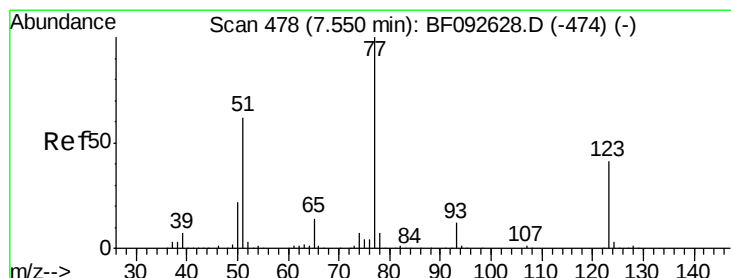
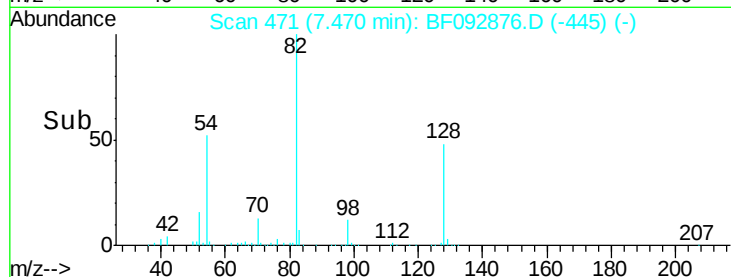
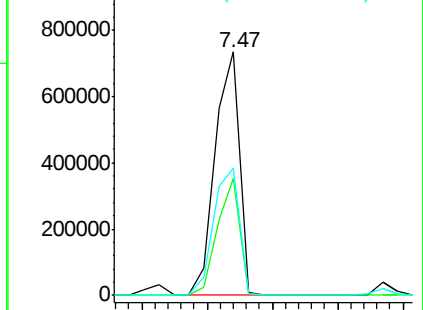
#23
 Nitrobenzene-d5
 Concen: 96.42 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMSD

Tgt Ion: 82 Resp: 956563
 Ion Ratio Lower Upper
 82 100
 128 48.2 34.6 52.0
 54 52.4 39.5 59.3

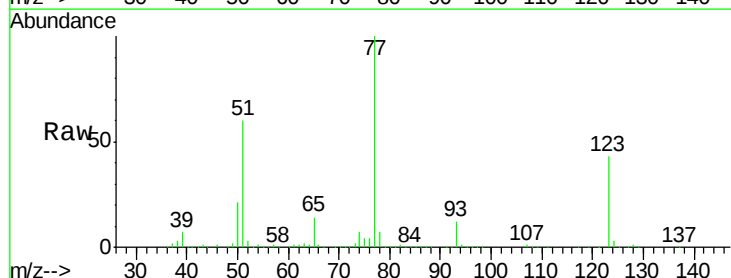


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

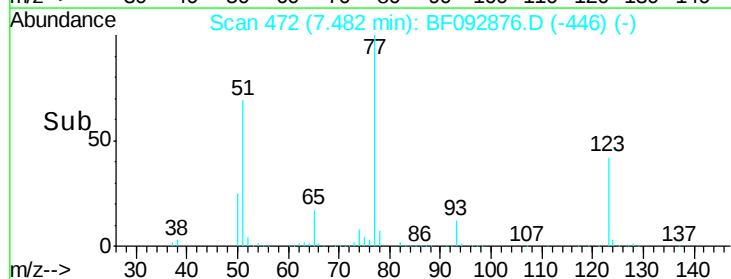
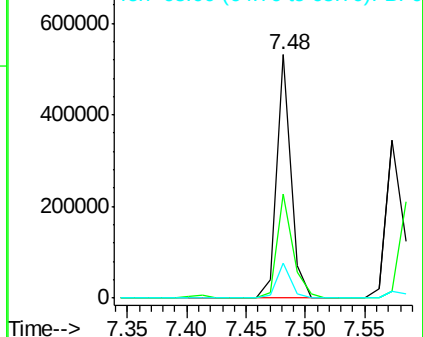


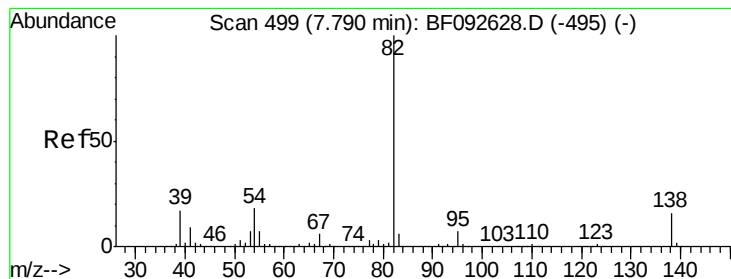
#24
 Nitrobenzene
 Concen: 43.64 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Tgt Ion: 77 Resp: 444554
 Ion Ratio Lower Upper
 77 100
 123 42.8 33.0 49.4
 65 14.4 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 58.96 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

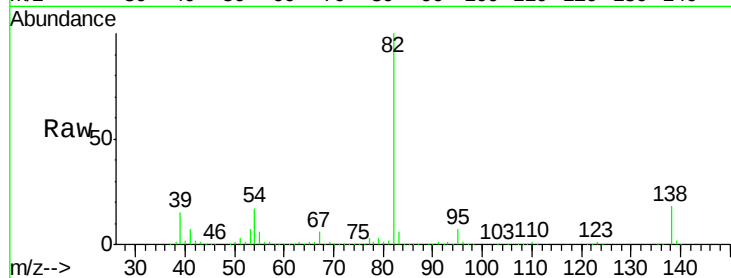
Tgt Ion: 82 Resp: 1089928

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

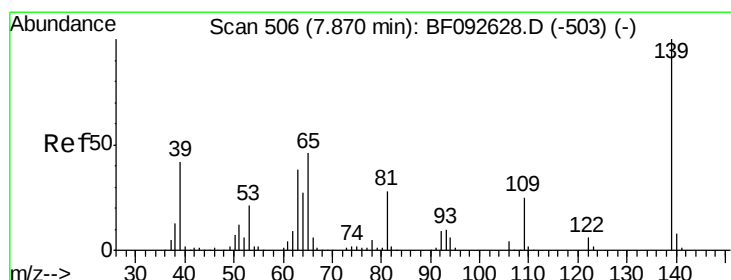
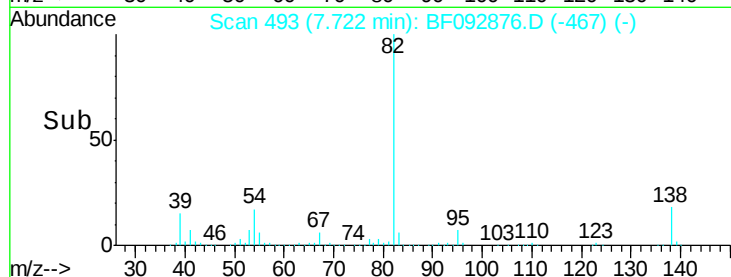
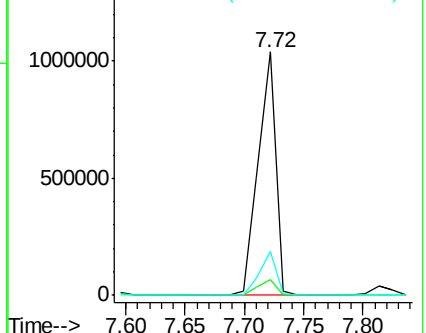
138 18.3 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 3.84 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.08 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

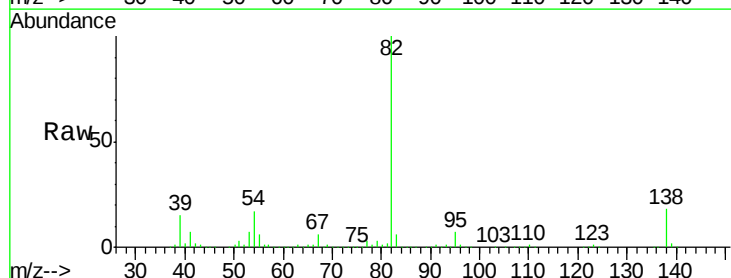
Tgt Ion: 139 Resp: 18612

Ion Ratio Lower Upper

139 100

109 17.5 23.3 34.9#

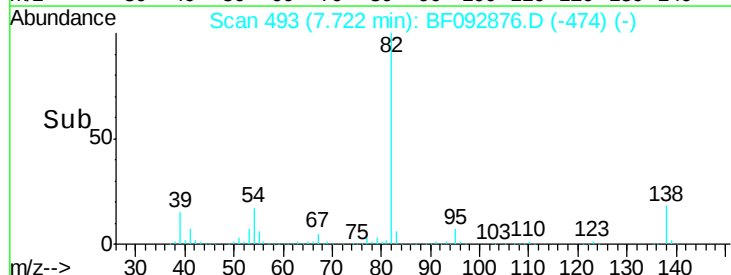
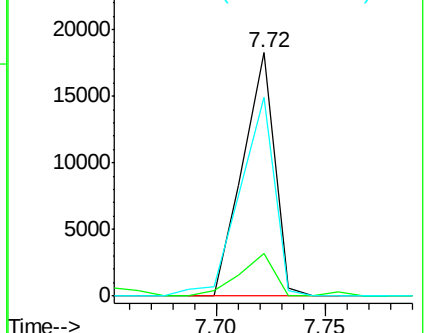
65 81.7 42.7 64.1#

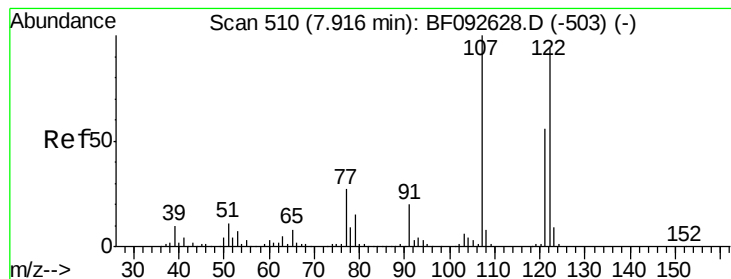


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

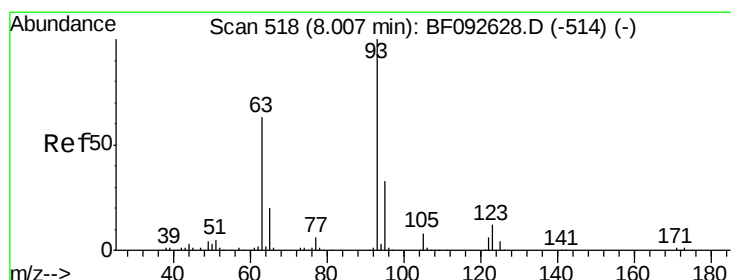
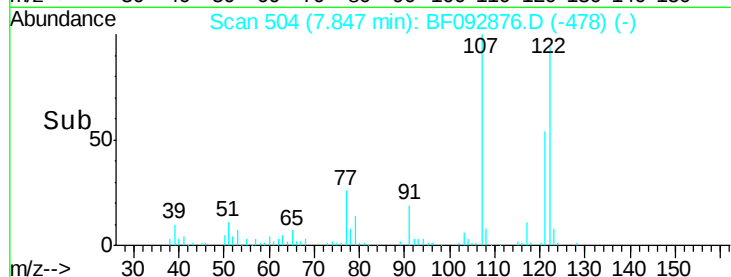
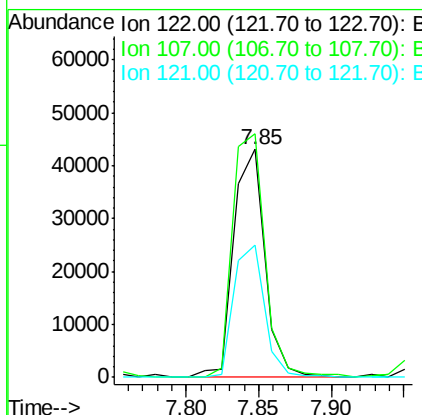
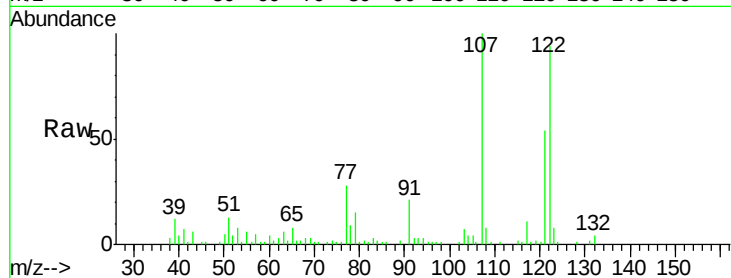




#27
 2,4-Dimethylphenol
 Concen: 7.59 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

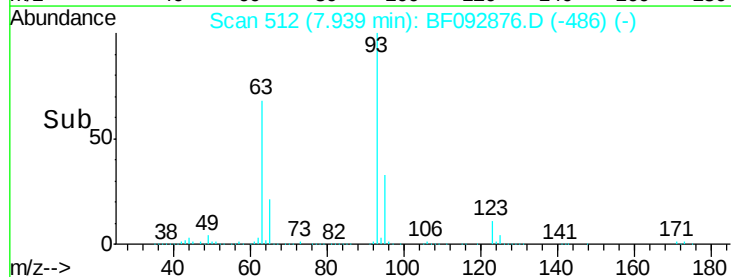
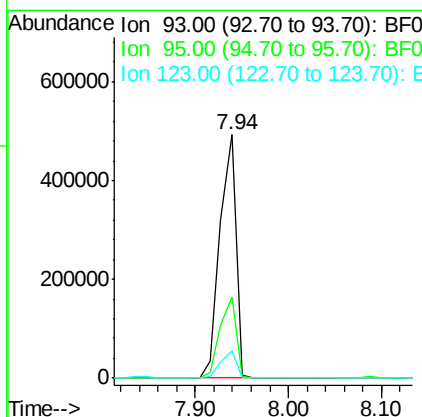
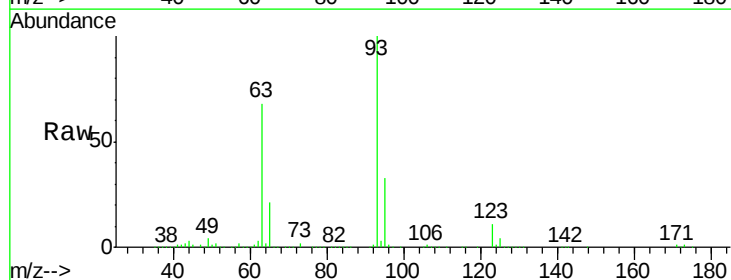
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMSD

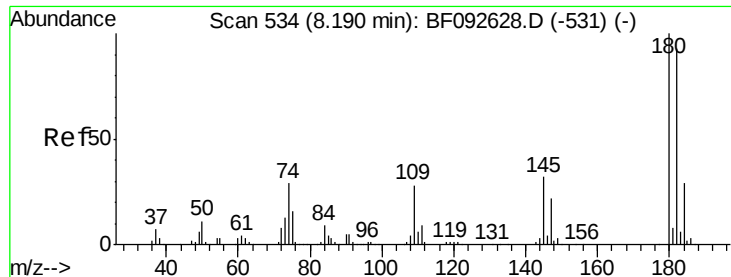
Tgt Ion:122 Resp: 64506
 Ion Ratio Lower Upper
 122 100
 107 106.8 94.1 141.1
 121 57.8 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.07 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Tgt Ion: 93 Resp: 588487
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 11.1 8.6 13.0

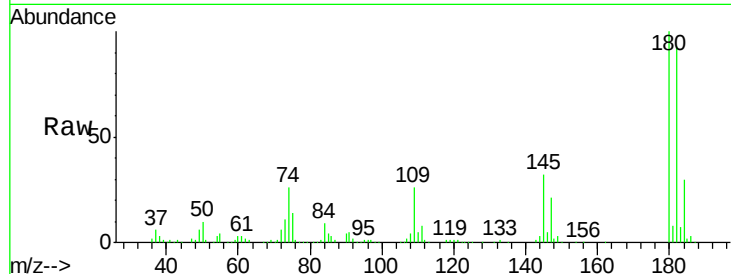




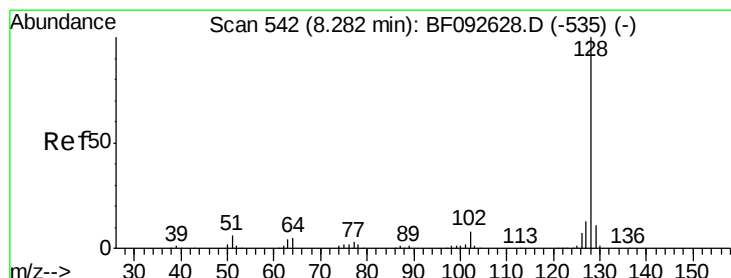
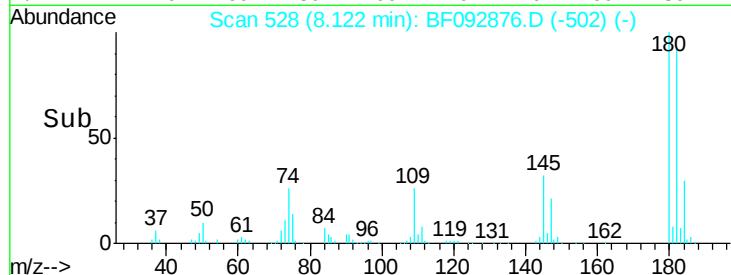
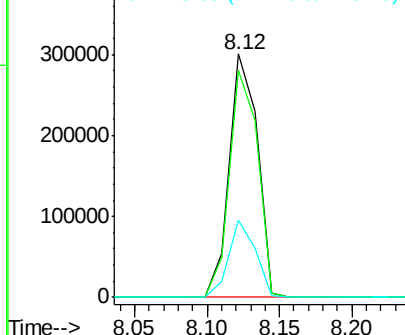
#30
 1,2,4-Trichlorobenzene
 Concen: 47.39 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMSD

Tgt Ion:180 Resp: 405053
 Ion Ratio Lower Upper
 180 100
 182 93.0 78.2 117.4
 145 31.7 21.6 32.4

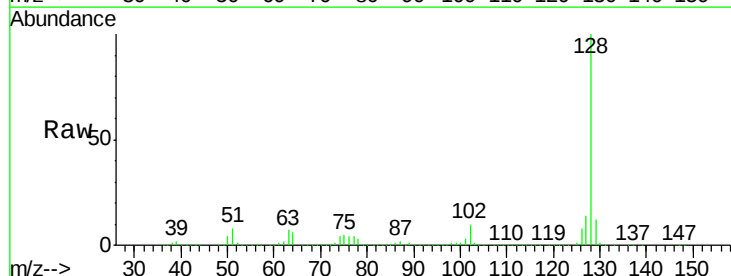


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

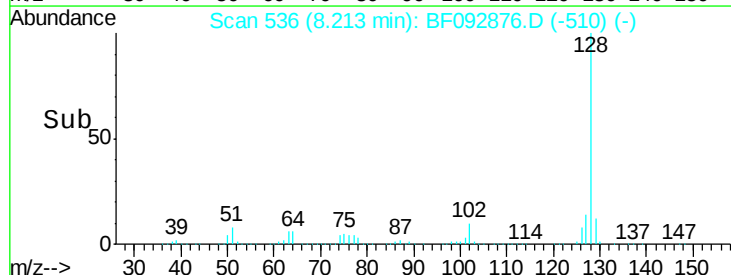
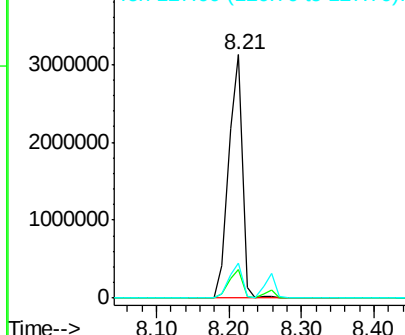


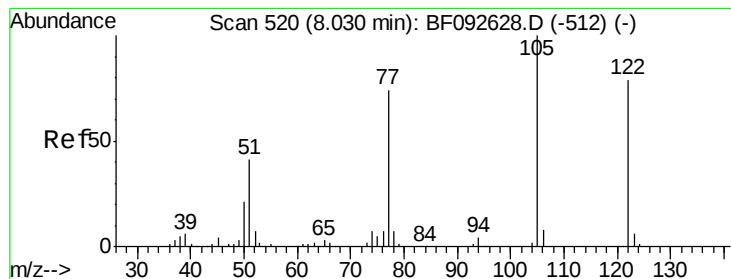
#31
 Naphthalene
 Concen: 144.67 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Tgt Ion:128 Resp: 4051707
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.5 14.3
 127 14.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 9.50 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

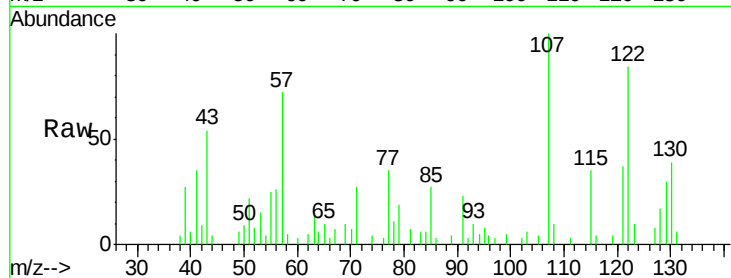
Tgt Ion:122 Resp: 13247

Ion Ratio Lower Upper

122 100

105 5.0 107.2 147.2#

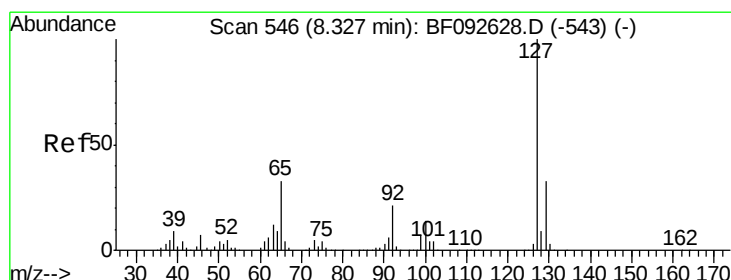
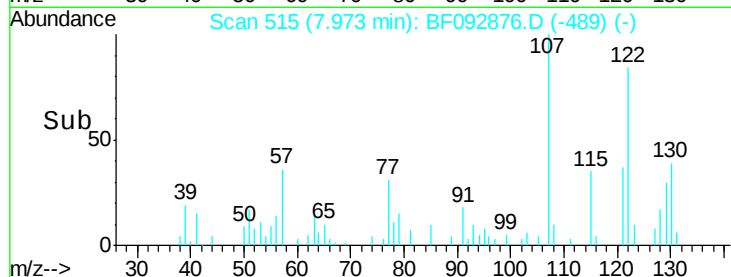
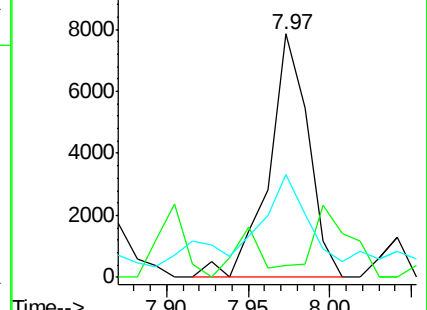
77 42.1 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 31.25 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Tgt Ion:127 Resp: 343232

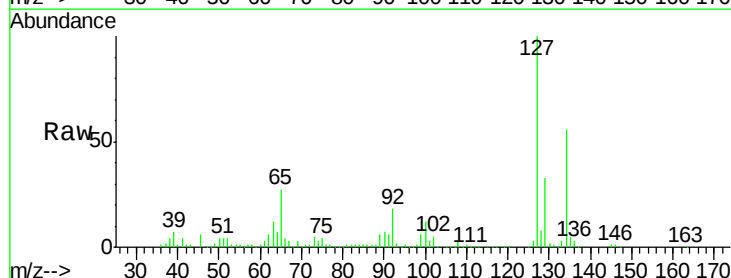
Ion Ratio Lower Upper

127 100

129 33.0 26.3 39.5

65 26.8 25.8 38.8

92 18.3 16.1 24.1

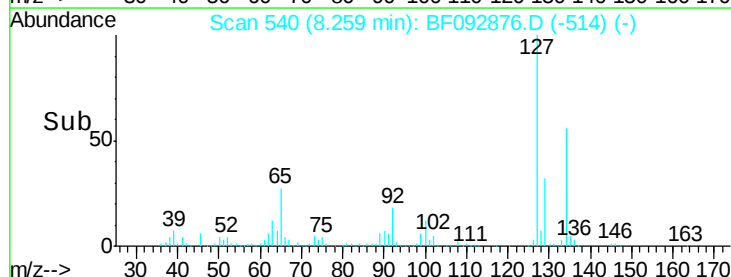
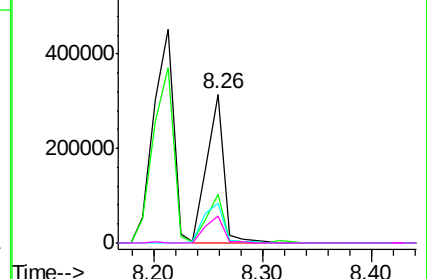


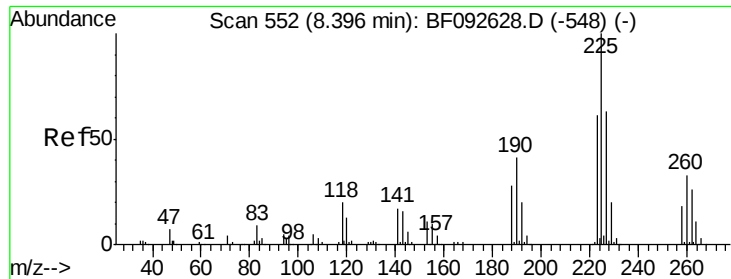
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 43.88 ng

RT: 8.32 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

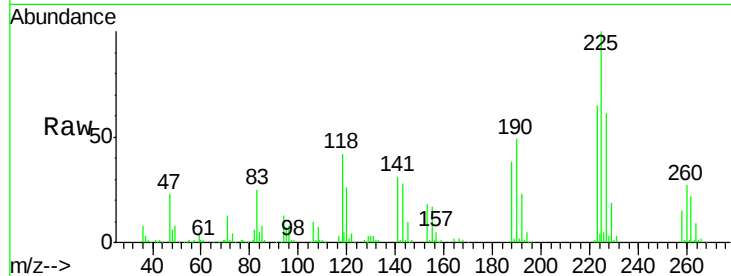
Tgt Ion:225 Resp: 206371

Ion Ratio Lower Upper

225 100

223 64.6 51.0 76.6

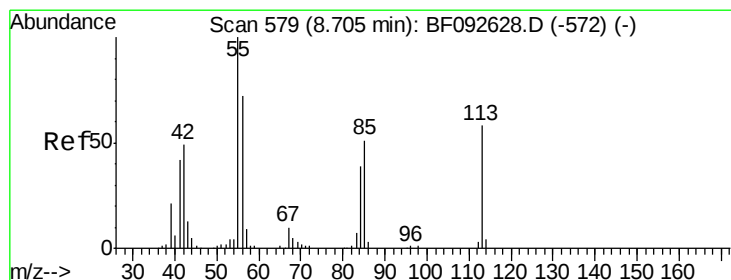
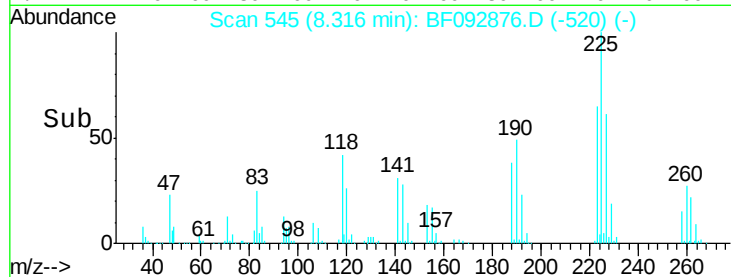
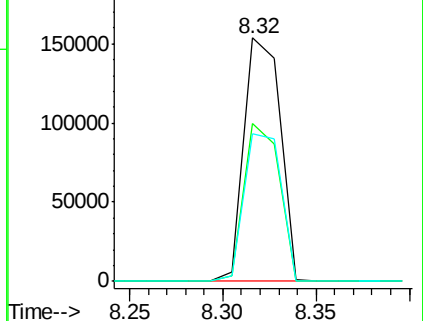
227 60.7 50.6 76.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 29.67 ng

RT: 8.59 min Scan# 569

Delta R.T. -0.05 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

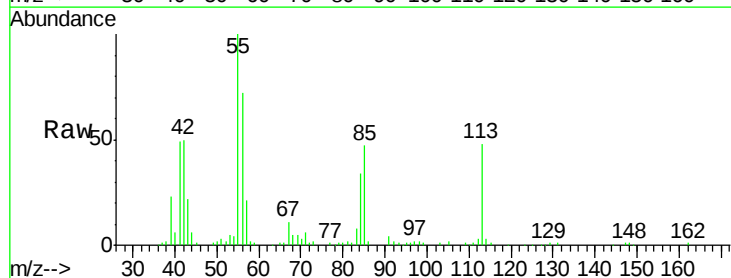
Tgt Ion:113 Resp: 74029

Ion Ratio Lower Upper

113 100

55 209.4 119.2 159.2#

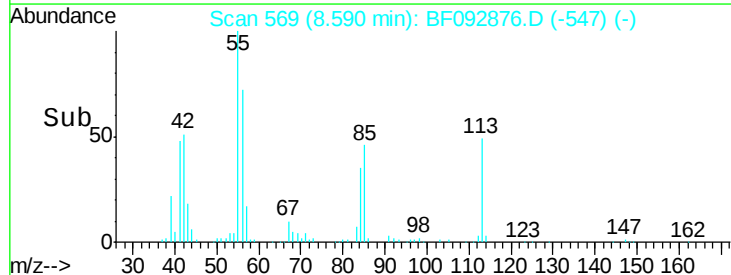
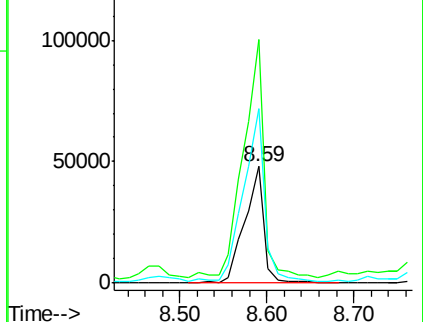
56 149.9 83.8 123.8#

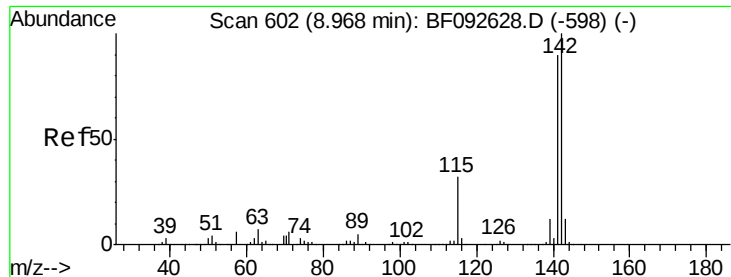


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

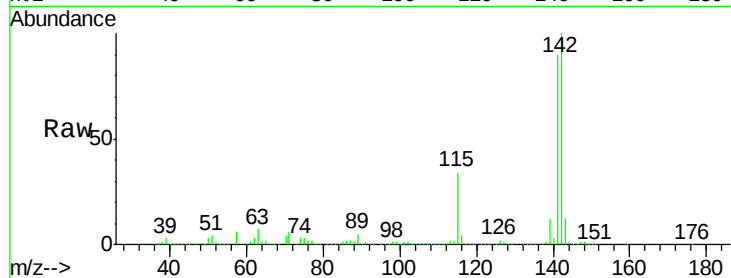




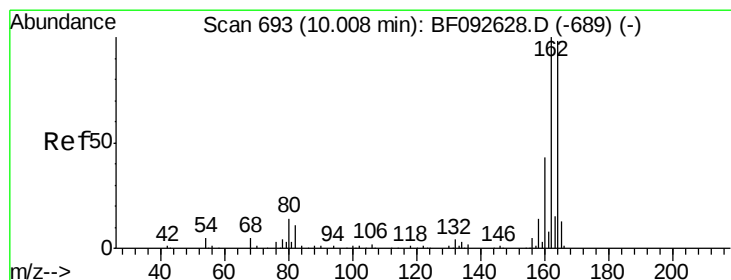
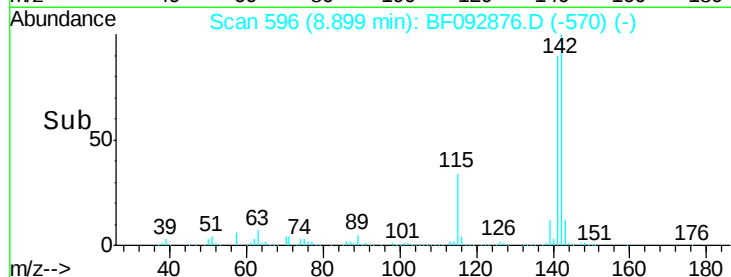
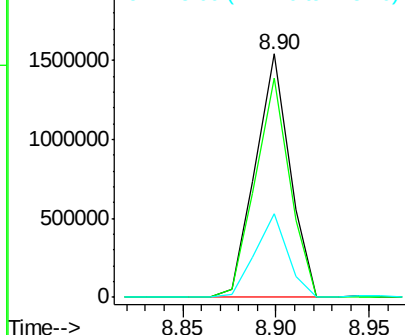
#37
2-Methylnaphthalene
Concen: 109.94 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMSD

Tgt Ion:142 Resp: 1976912
Ion Ratio Lower Upper
142 100
141 90.3 71.0 106.6
115 34.1 28.3 42.5

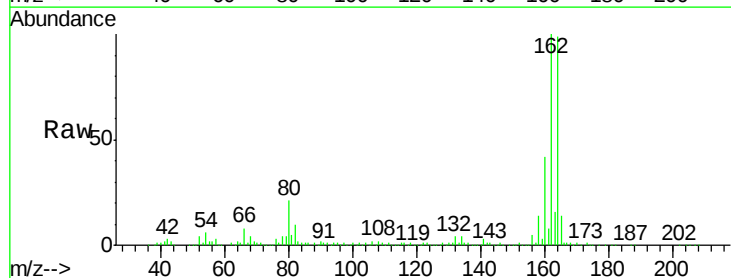


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

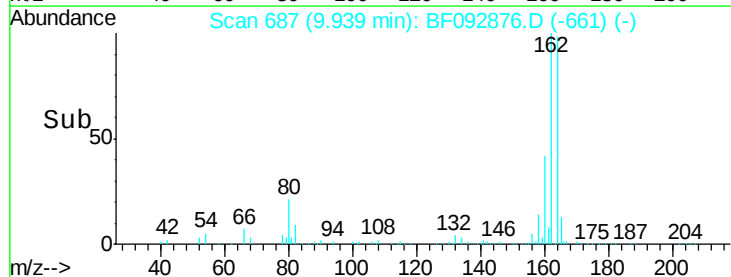
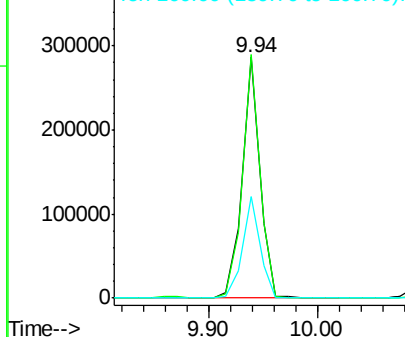


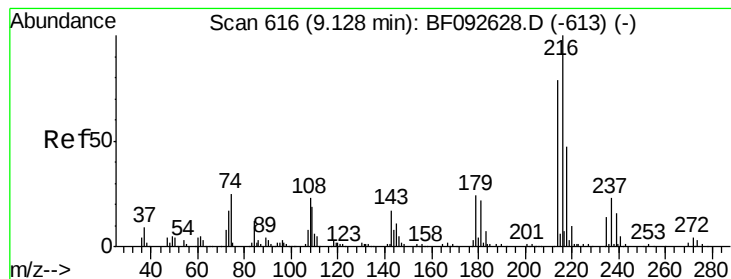
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion:164 Resp: 323099
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 42.3 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.04 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

Tgt Ion:216 Resp: 363125

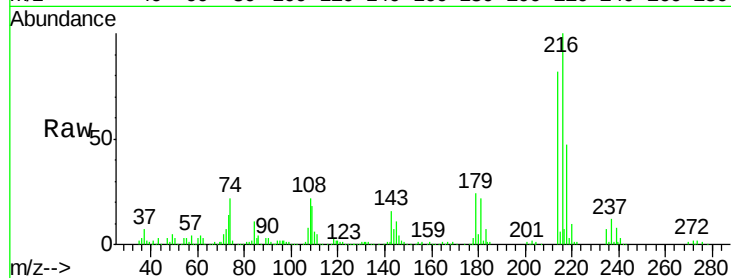
Ion Ratio Lower Upper

216 100

214 81.0 63.4 95.0

179 22.0 17.4 26.2

108 20.5 15.6 23.4

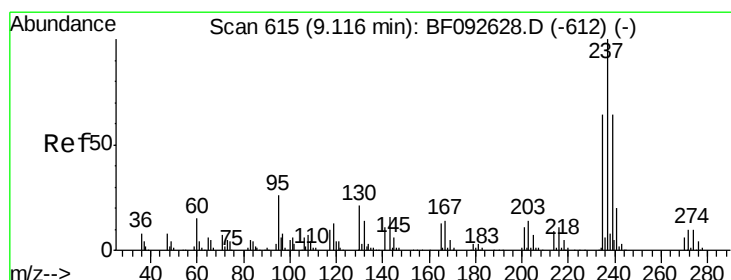
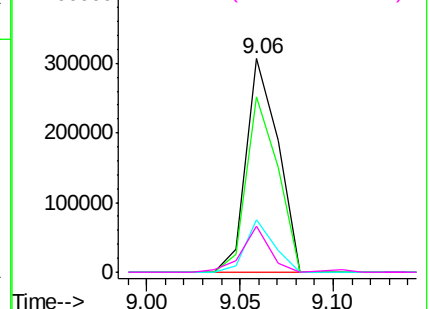
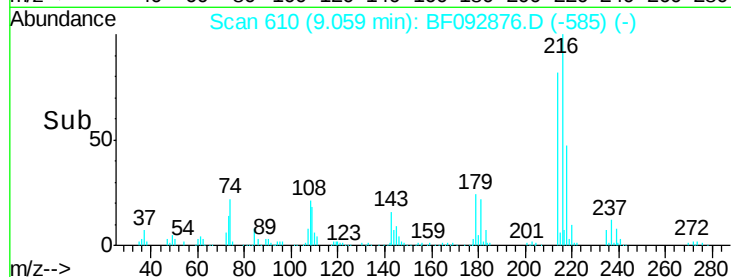


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 56.31 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

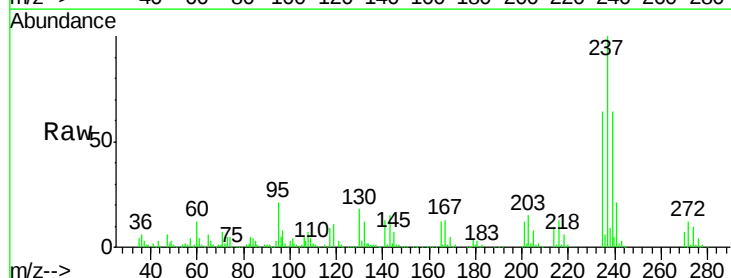
Tgt Ion:237 Resp: 230423

Ion Ratio Lower Upper

237 100

235 64.0 41.2 81.2

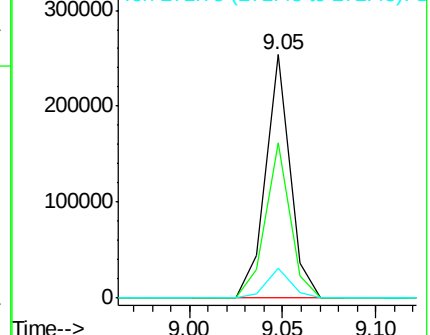
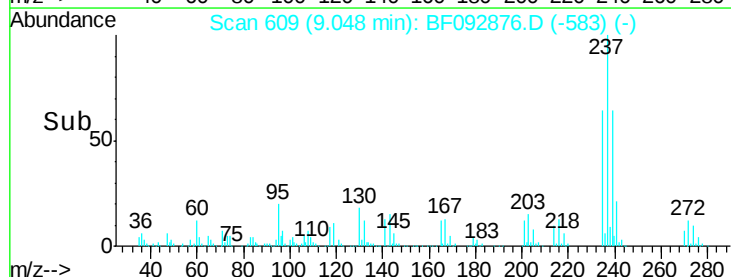
272 12.4 0.0 35.4

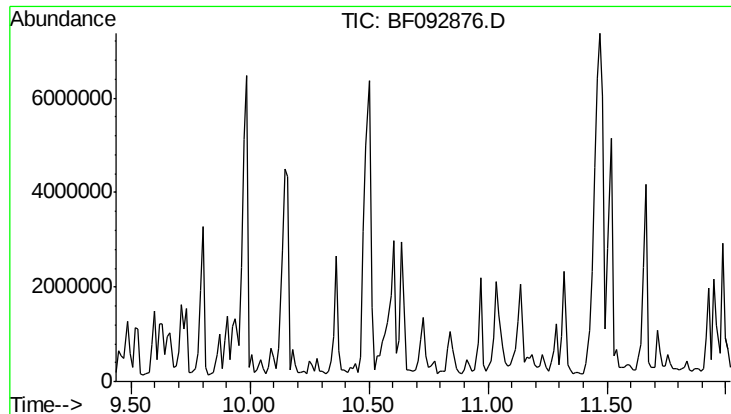


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.73 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

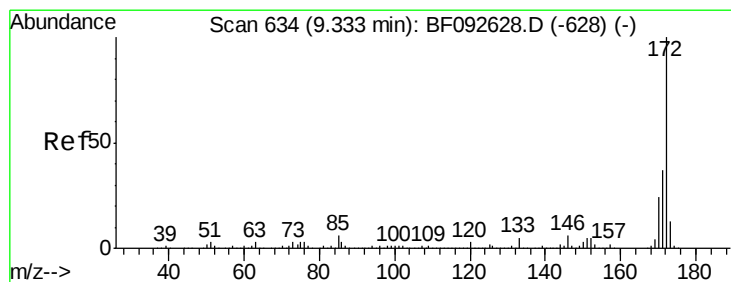
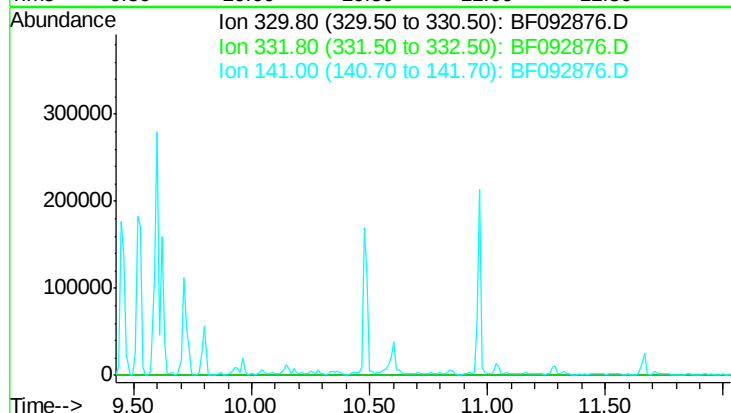
Tgt Ion: 330

Sig Exp Ratio

330 100

332 96.8

141 42.6



#44

2-Fluorobiphenyl

Concen: 97.12 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

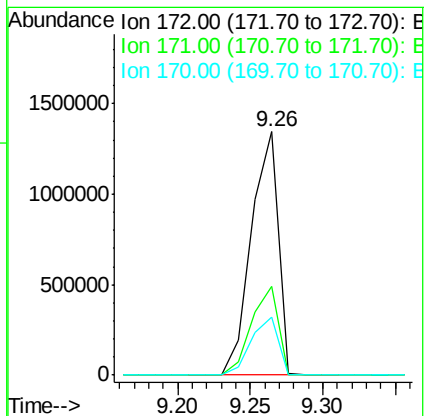
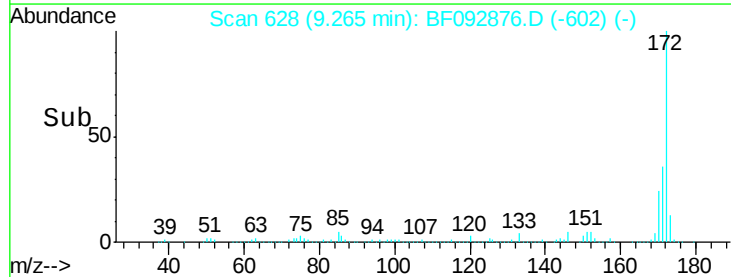
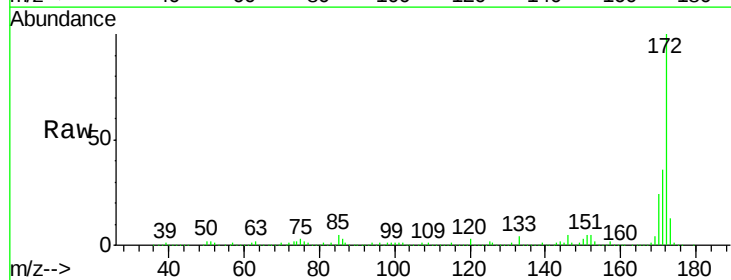
Tgt Ion:172 Resp: 1731996

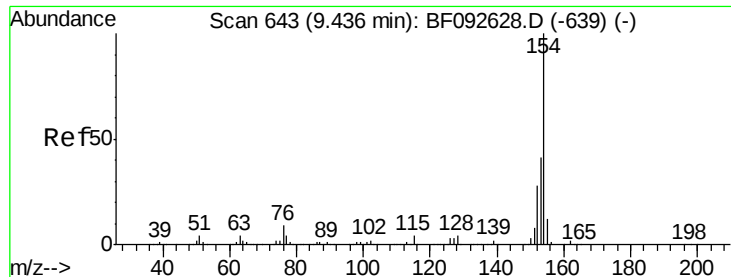
Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

170 23.8 20.2 30.4





#45

1,1'-Biphenyl

Concen: 65.59 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

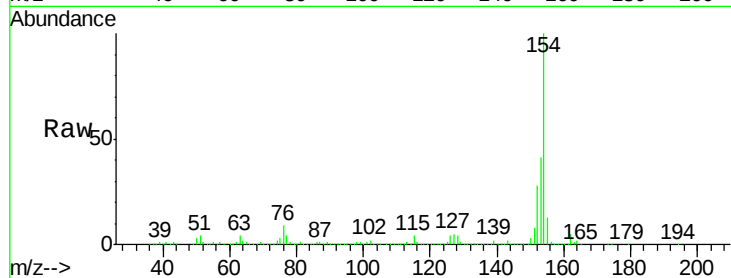
Tgt Ion:154 Resp: 1534428

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

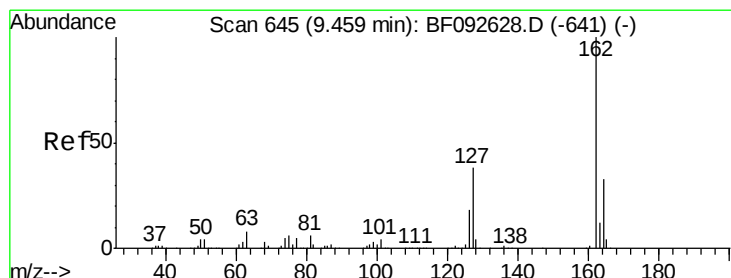
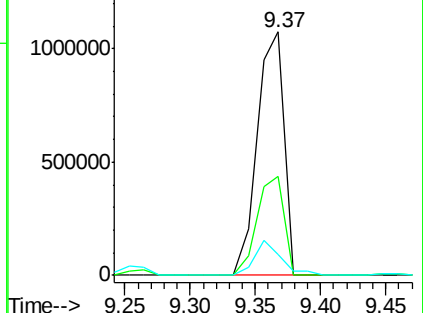
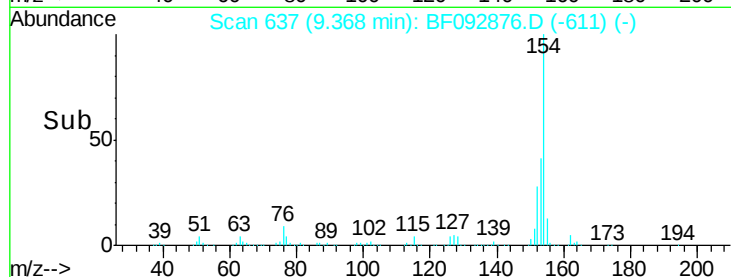
76 8.8 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.42 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

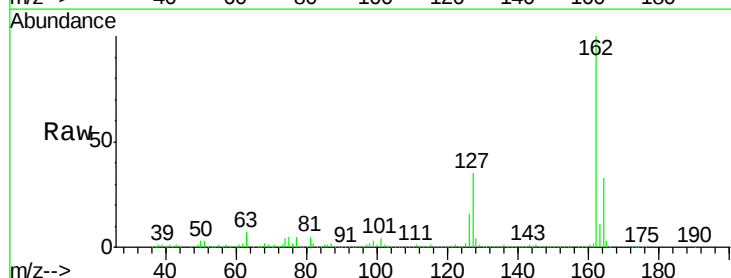
Tgt Ion:162 Resp: 849671

Ion Ratio Lower Upper

162 100

127 35.1 30.7 46.1

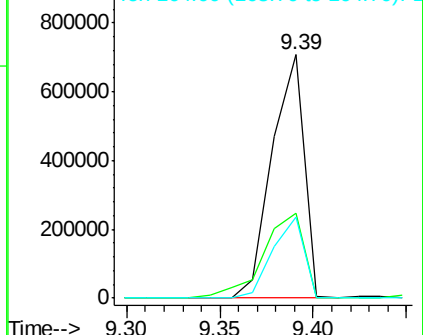
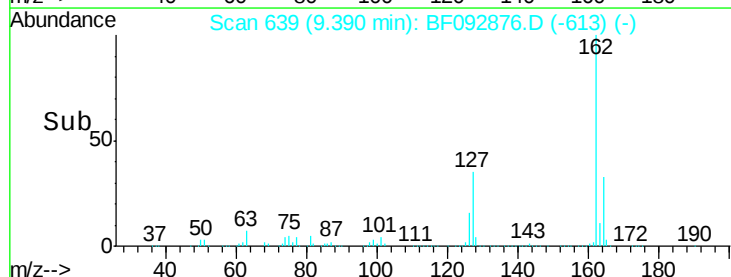
164 33.1 27.6 41.4

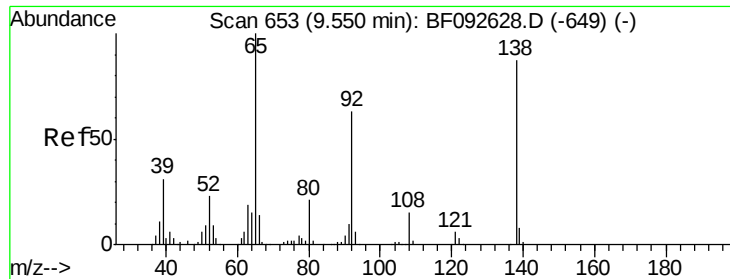


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

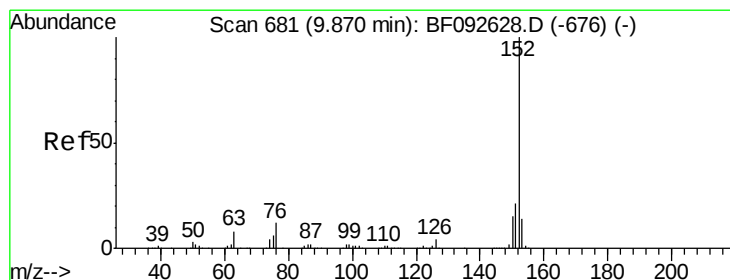
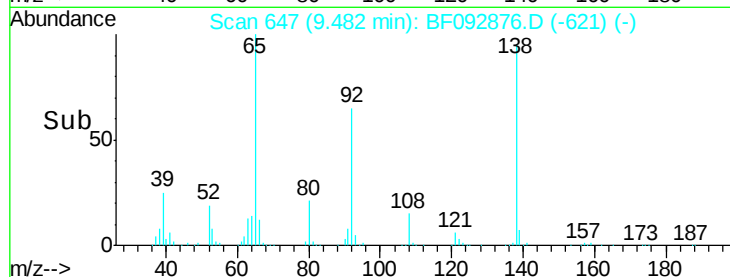
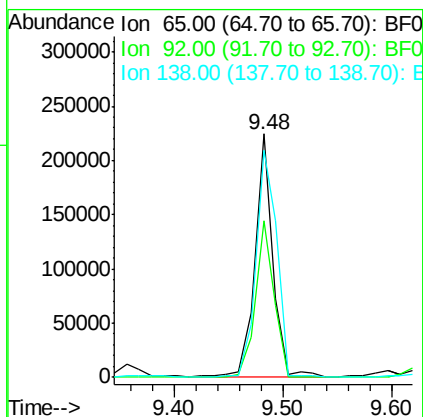
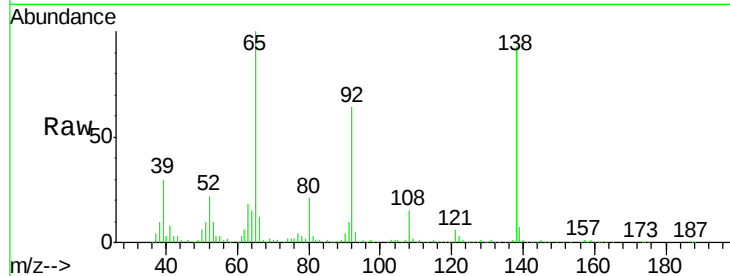




#47
2-Nitroaniline
Concen: 41.33 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

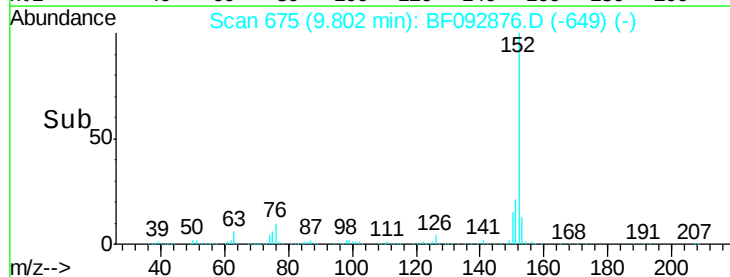
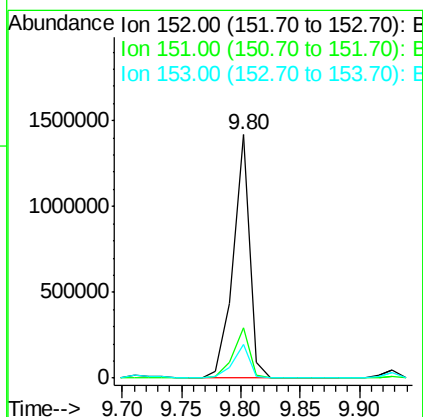
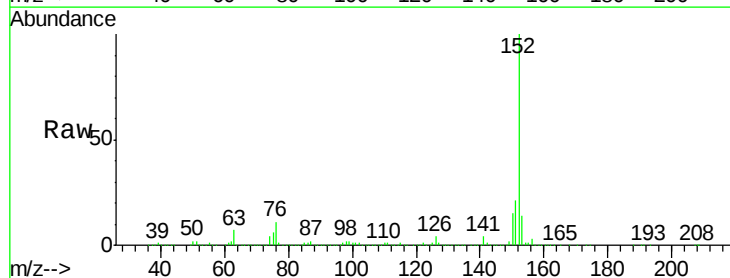
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMSD

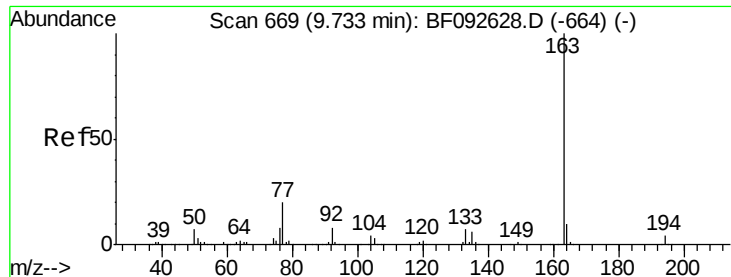
Tgt Ion: 65 Resp: 254295
Ion Ratio Lower Upper
65 100
92 64.3 53.9 80.9
138 93.2 76.8 115.2



#48
Acenaphthylene
Concen: 43.14 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion: 152 Resp: 1363851
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 13.7 11.4 17.2

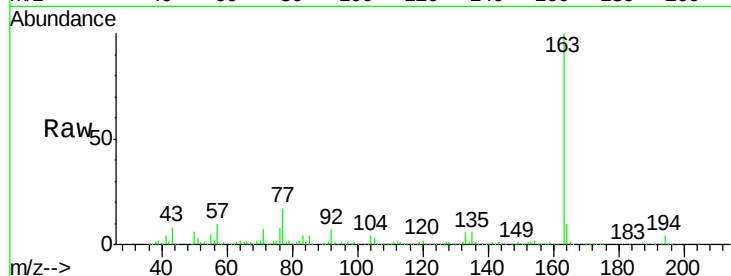




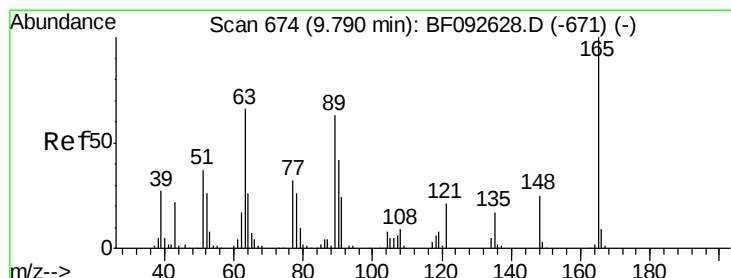
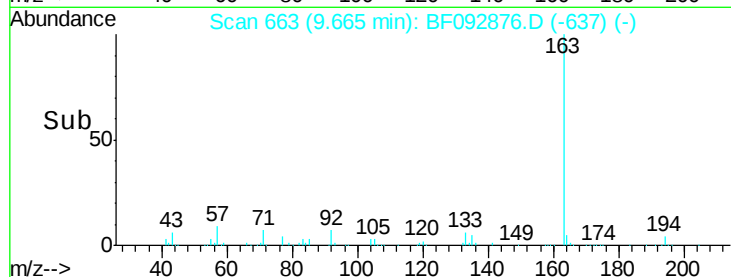
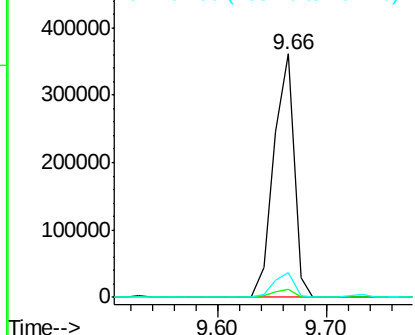
#49
Dimethylphthalate
Concen: 21.54 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMSD

Tgt Ion:163 Resp: 468790
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.9 8.0 12.0

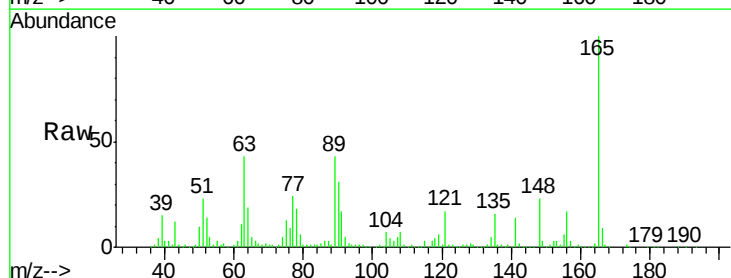


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

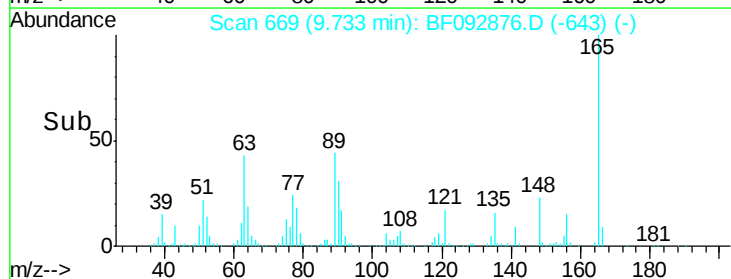
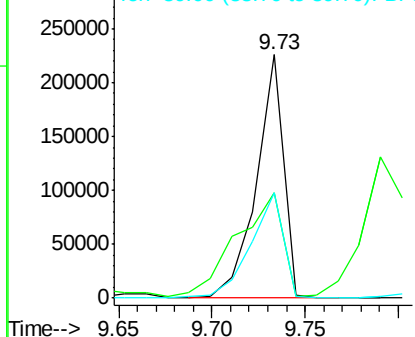


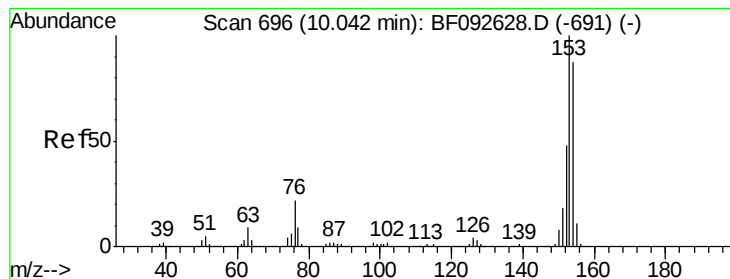
#50
2,6-Dinitrotoluene
Concen: 47.61 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion:165 Resp: 223771
Ion Ratio Lower Upper
165 100
63 43.4 36.2 54.4
89 43.4 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 121.81 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

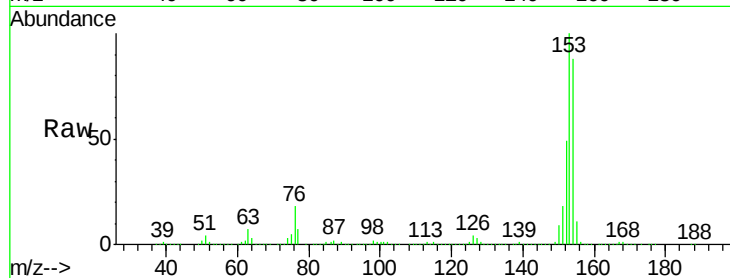
Tgt Ion:154 Resp: 2302613

Ion Ratio Lower Upper

154 100

153 113.0 88.6 133.0

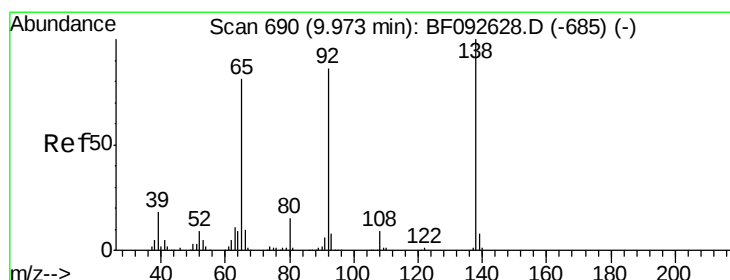
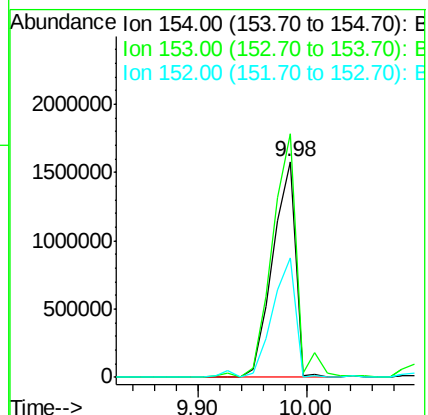
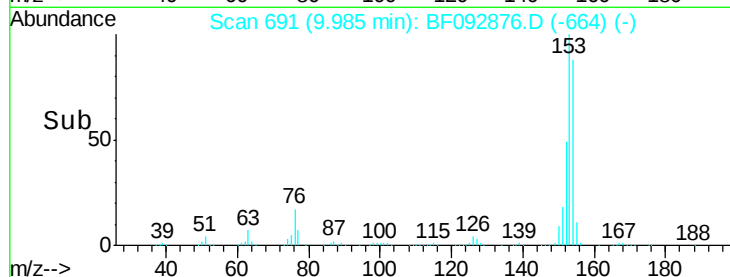
152 55.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.75 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

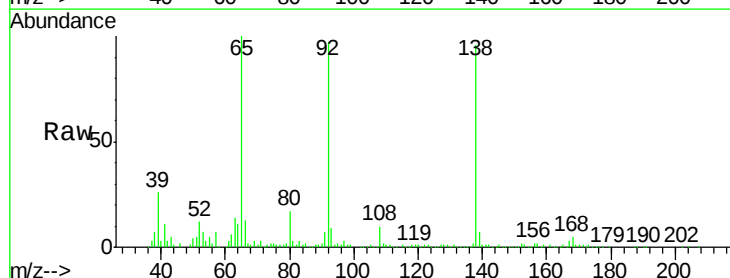
Tgt Ion:138 Resp: 240671

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

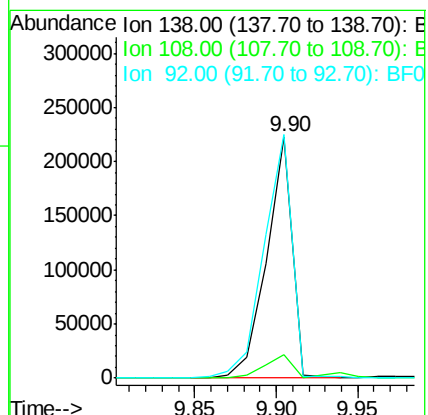
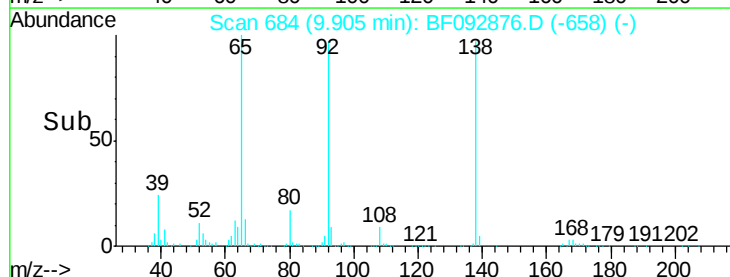
92 101.0 97.8 146.8

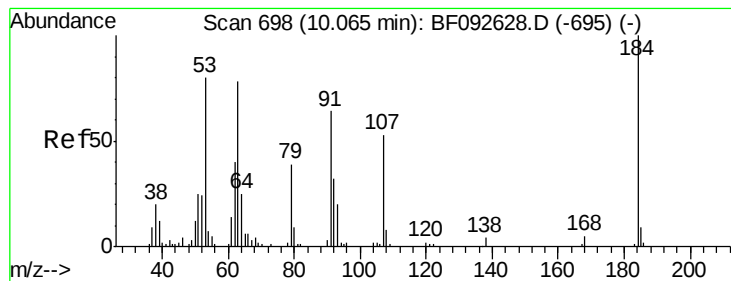


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 5.44 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.22 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

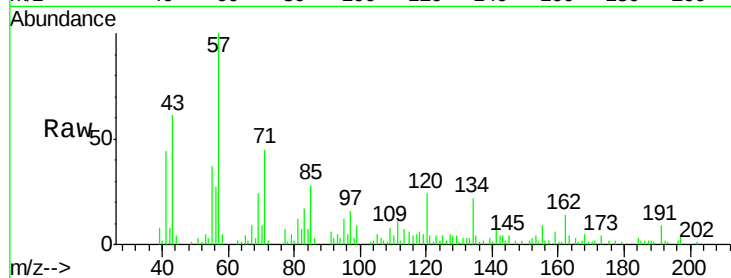
Tgt Ion:184 Resp: 1801

Ion Ratio Lower Upper

184 100

63 64.5 28.4 42.6#

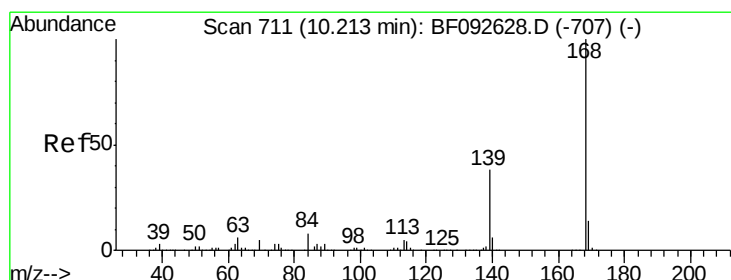
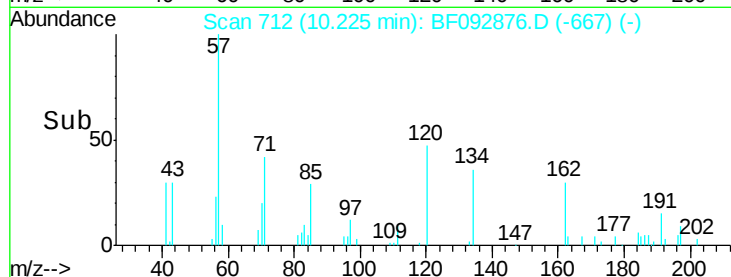
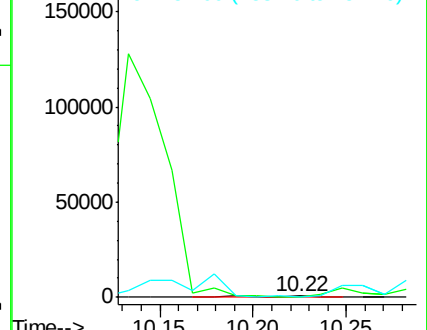
154 50.2 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 123.53 ng

RT: 10.16 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

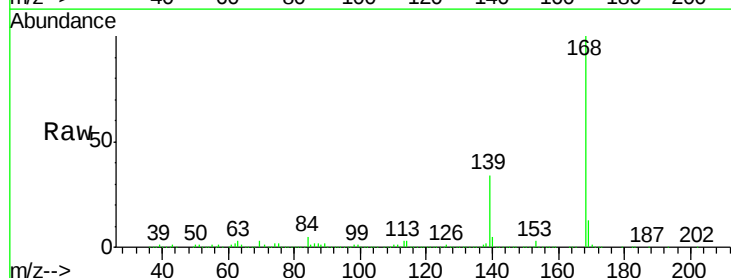
Tgt Ion:168 Resp: 3123238

Ion Ratio Lower Upper

168 100

139 34.0 32.6 49.0

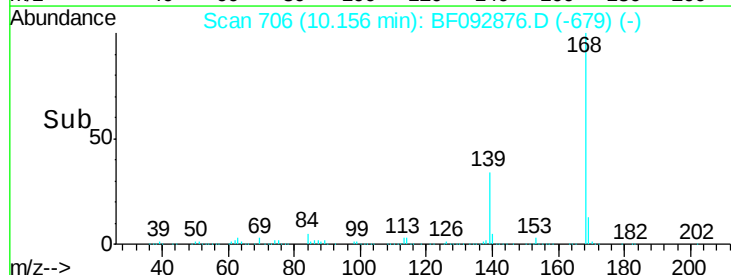
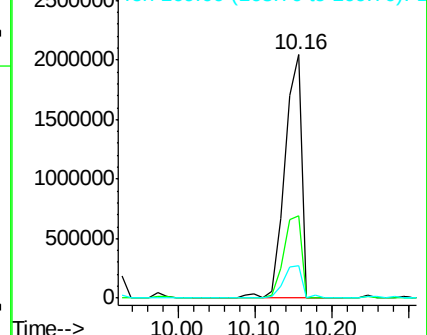
169 13.4 11.3 16.9

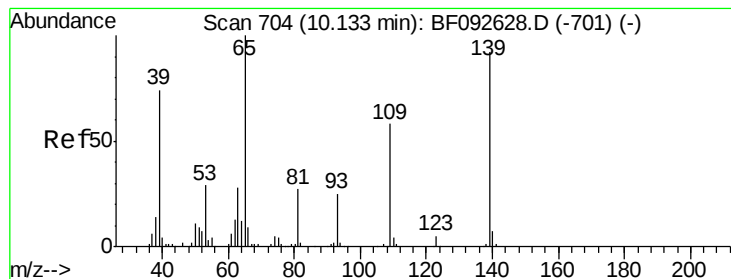


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 291.14 ng

RT: 10.16 min Scan# 706

Delta R.T. 0.09 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

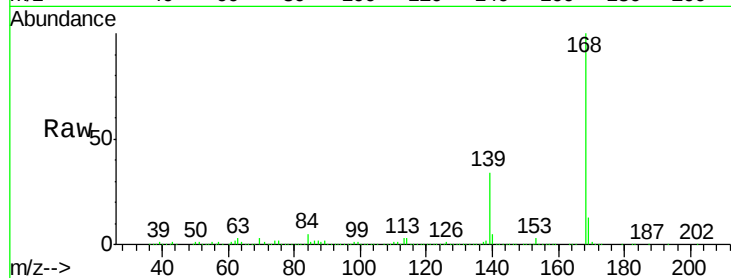
Tgt Ion:139 Resp: 1127861

Ion Ratio Lower Upper

139 100

109 0.9 52.2 92.2#

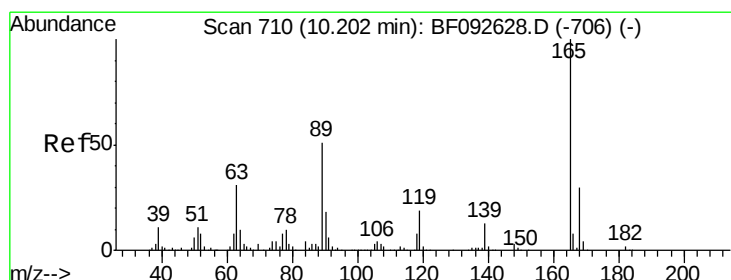
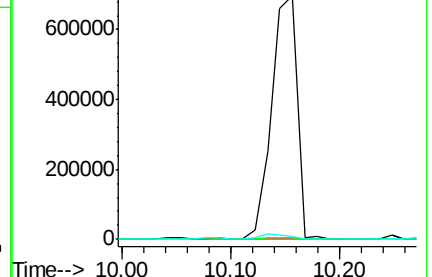
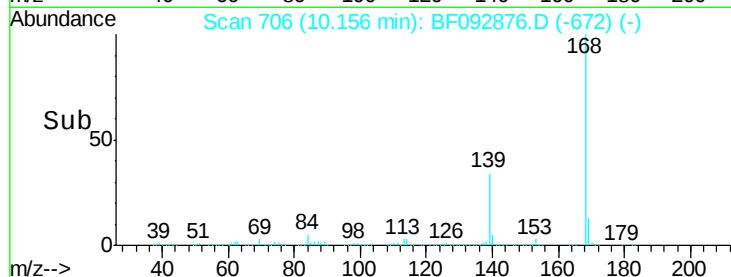
65 1.1 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 34.38 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Tgt Ion:165 Resp: 215106

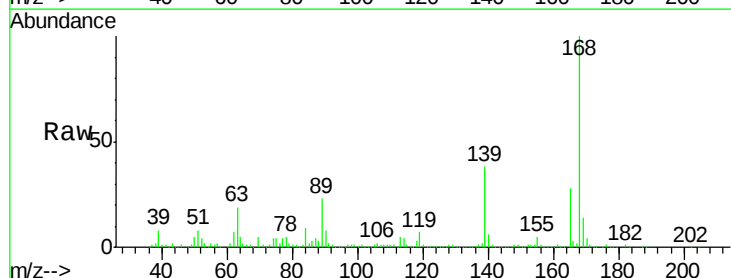
Ion Ratio Lower Upper

165 100

63 67.5 40.2 60.4#

89 79.5 62.5 93.7

182 2.5 1.8 2.8

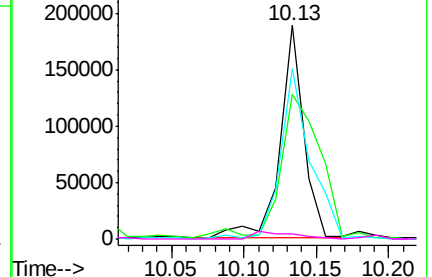
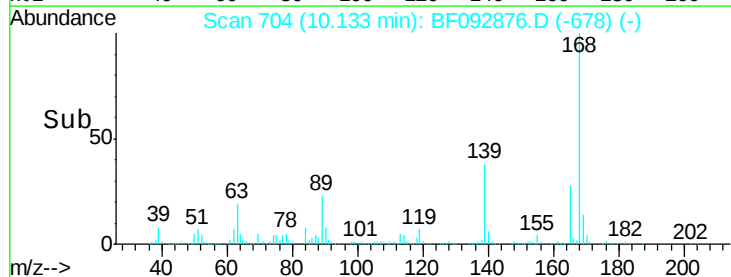


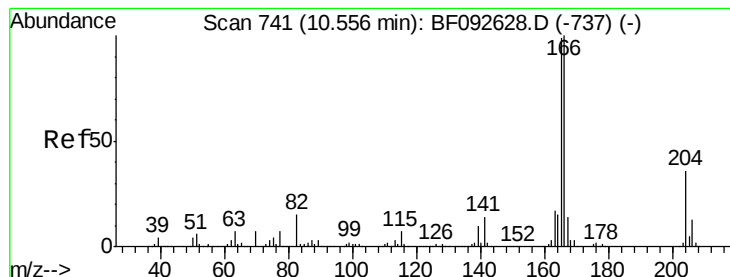
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 126.41 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

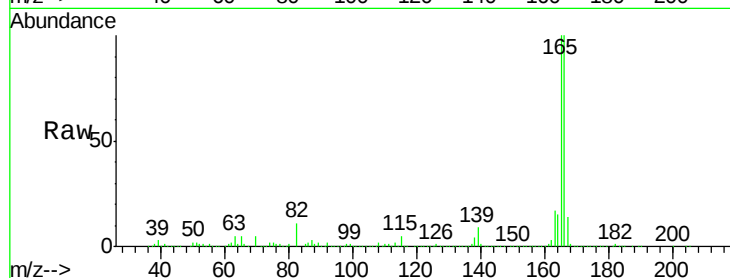
Tgt Ion:166 Resp: 2458872

Ion Ratio Lower Upper

166 100

165 100.2 77.8 116.8

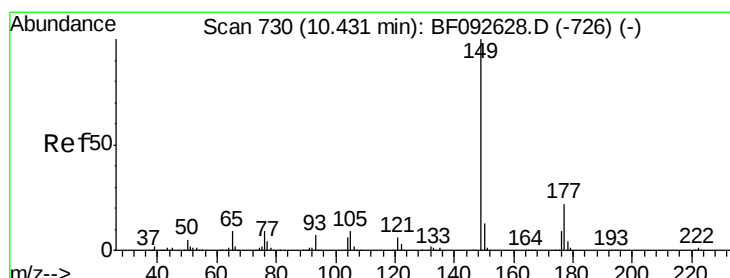
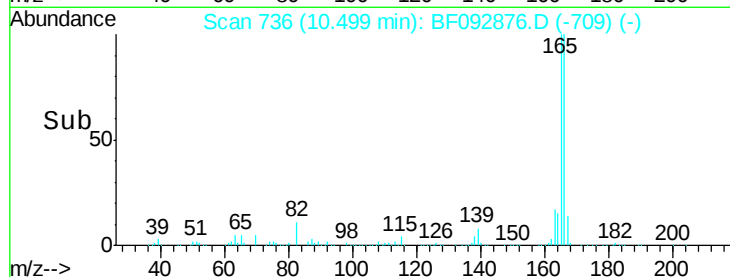
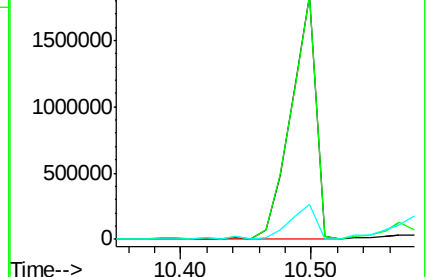
167 14.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 35.13 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

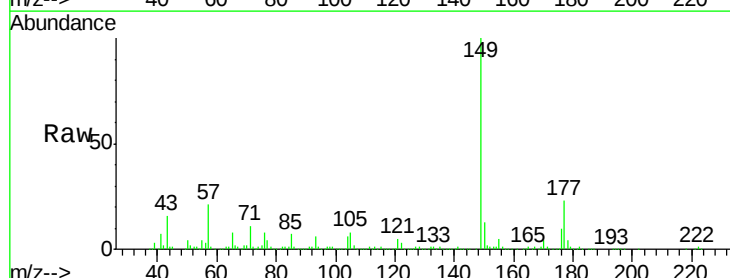
Tgt Ion:149 Resp: 720446

Ion Ratio Lower Upper

149 100

177 23.3 16.6 25.0

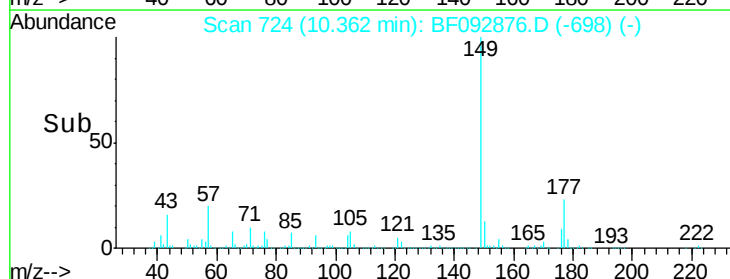
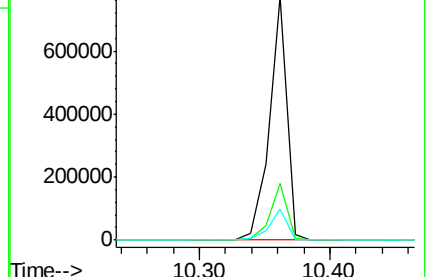
150 12.6 10.4 15.6

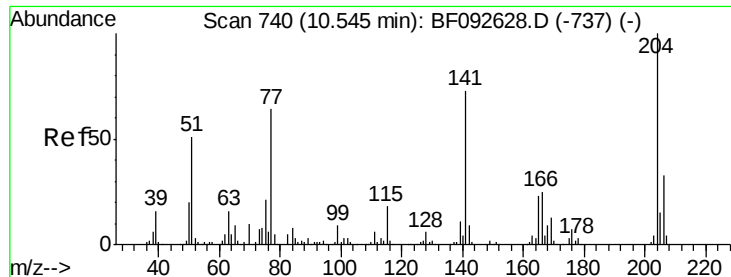


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 36.69 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

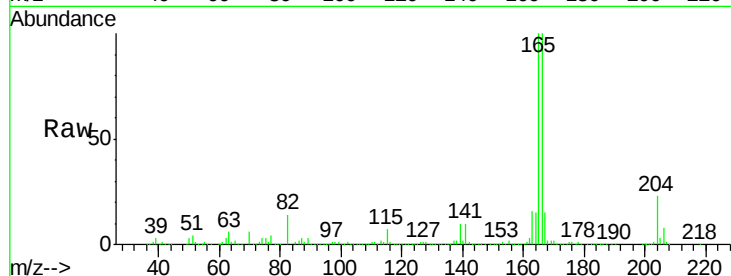
Tgt Ion:204 Resp: 342888

Ion Ratio Lower Upper

204 100

206 35.6 25.8 38.6

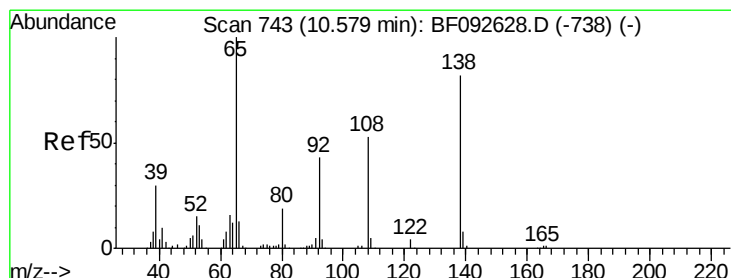
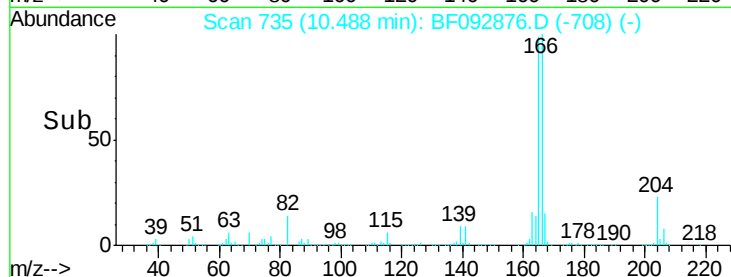
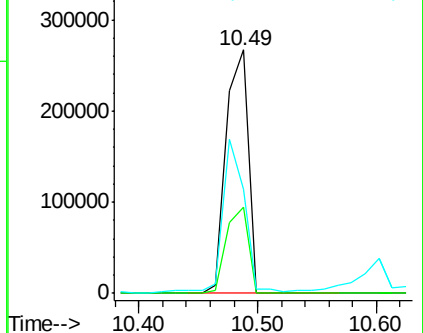
141 42.9 59.4 89.0#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 43.22 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

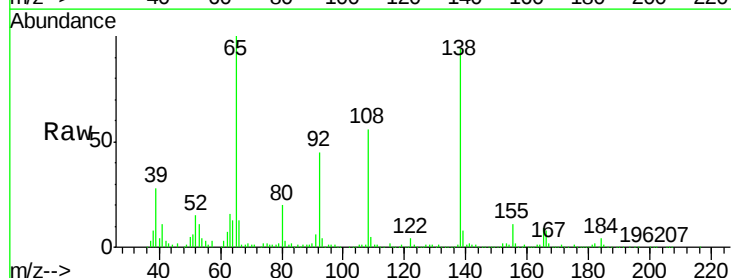
Tgt Ion:138 Resp: 238118

Ion Ratio Lower Upper

138 100

92 48.3 31.7 71.7

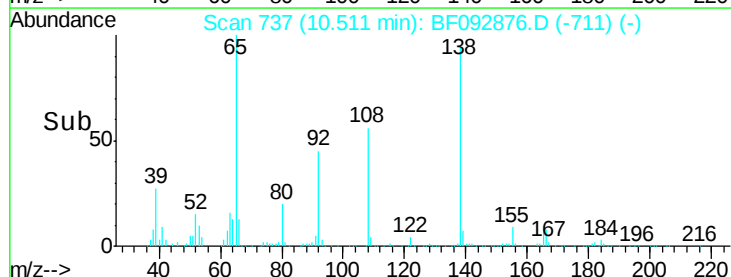
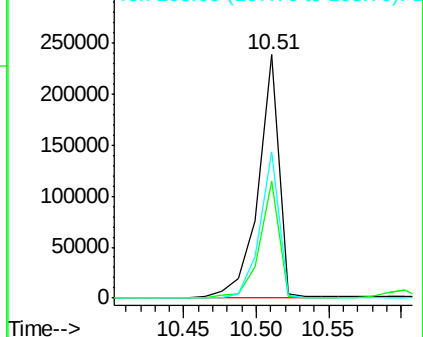
108 60.3 52.6 92.6

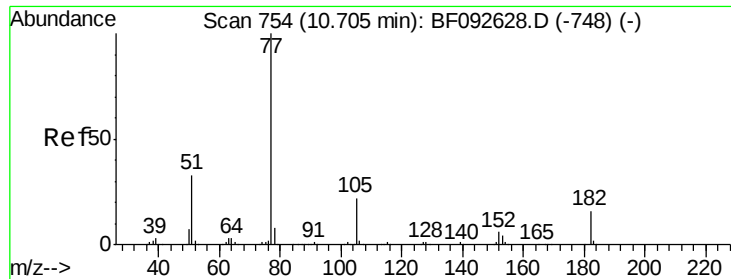


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

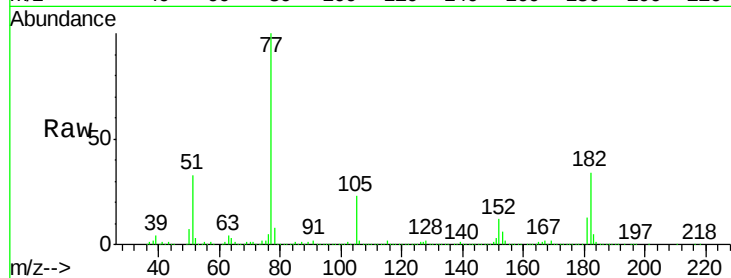




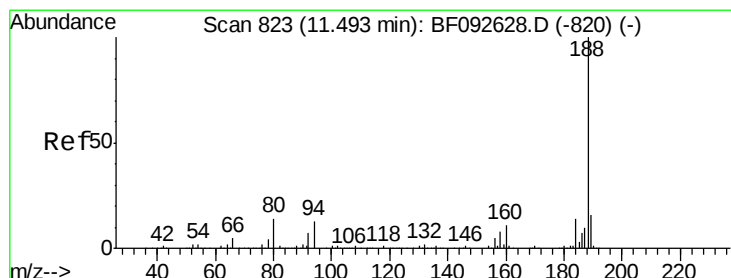
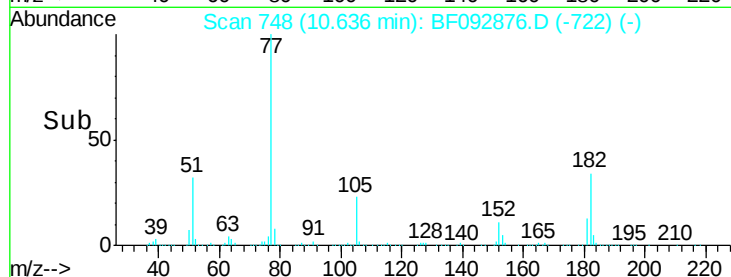
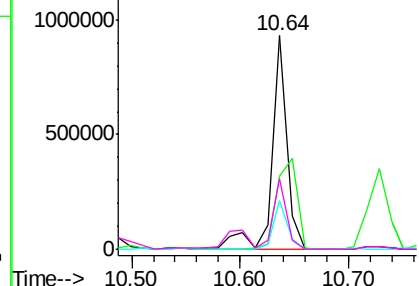
#62
Azobenzene
Concen: 43.21 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMSD

Tgt Ion: 77 Resp: 915456
Ion Ratio Lower Upper
77 100
182 34.2 0.0 39.3
105 22.8 2.3 42.3
51 32.7 8.9 48.9

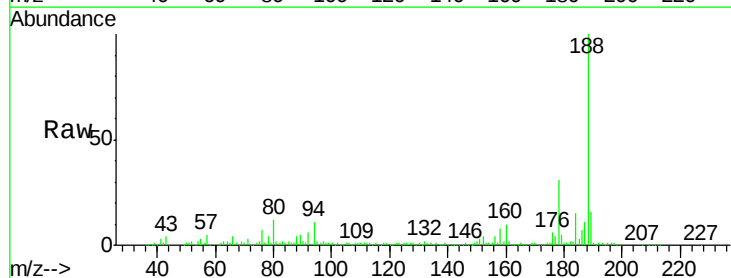


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

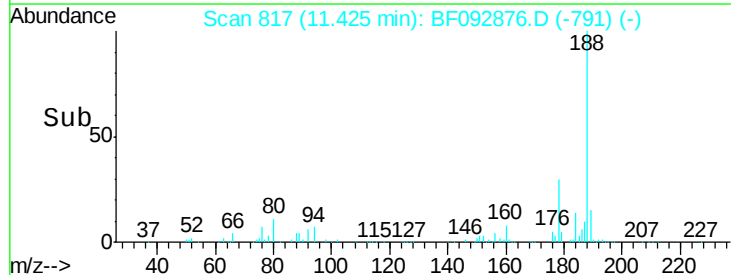
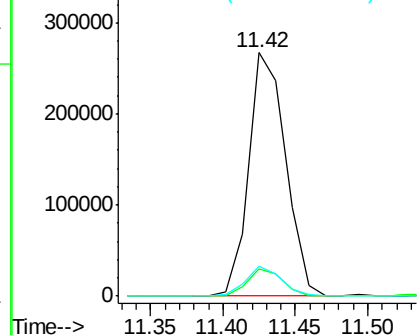


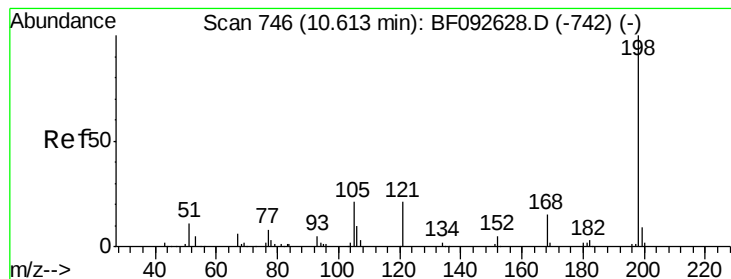
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion: 188 Resp: 470446
Ion Ratio Lower Upper
188 100
94 11.4 10.0 15.0
80 12.0 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

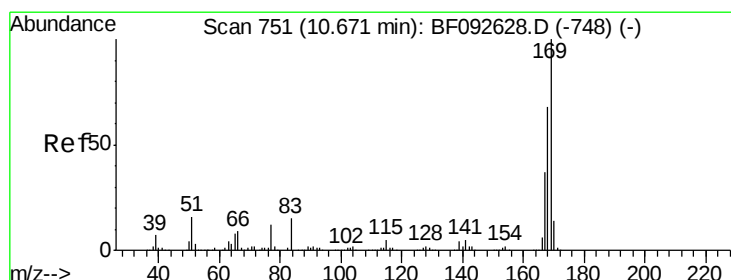
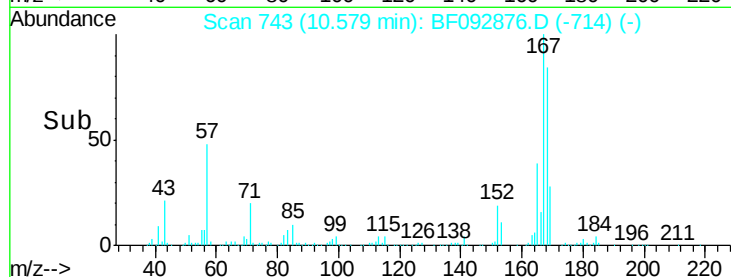
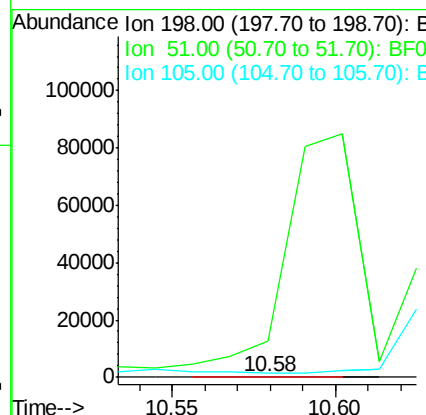
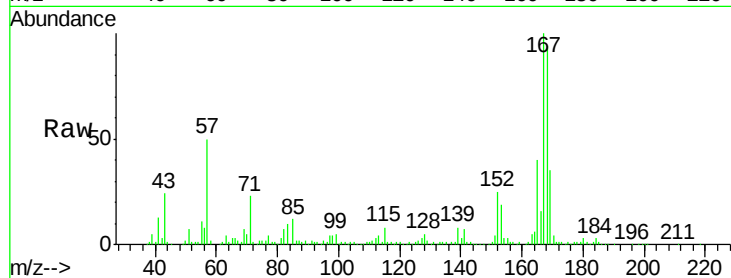




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.75 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.03 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

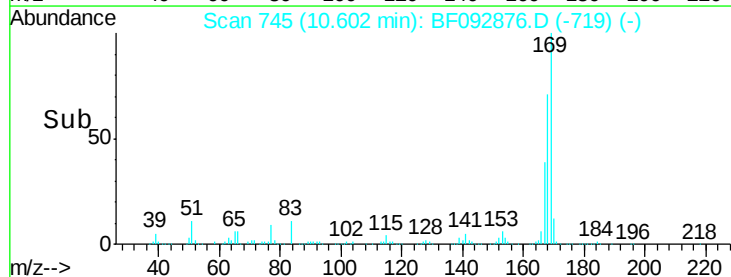
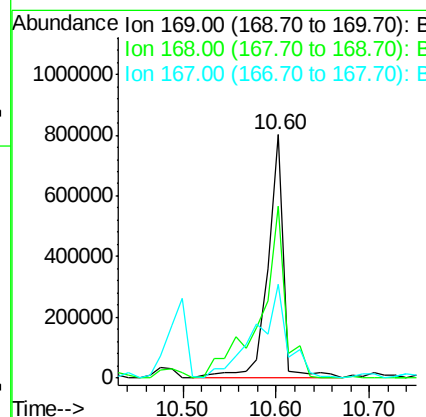
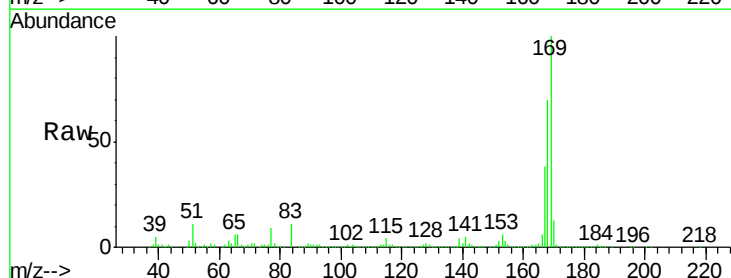
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMSD

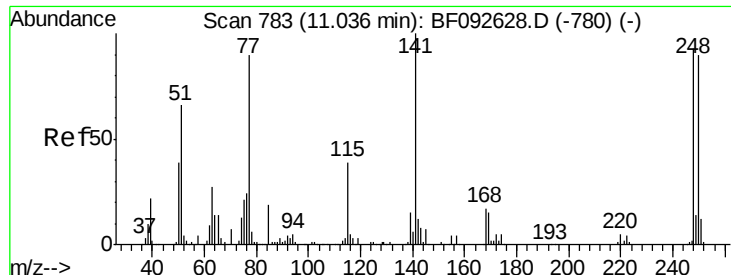
Tgt Ion:198 Resp: 235
 Ion Ratio Lower Upper
 198 100
 51 3653.8 6.7 46.7#
 105 403.5 16.6 56.6#



#65
 n-Nitrosodiphenylamine
 Concen: 63.07 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Tgt Ion:169 Resp: 947772
 Ion Ratio Lower Upper
 169 100
 168 70.4 54.2 81.2
 167 38.3 30.2 45.4

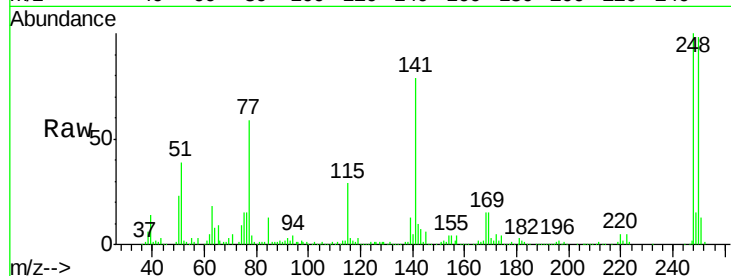




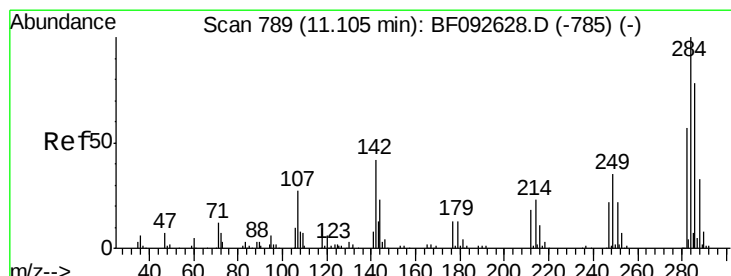
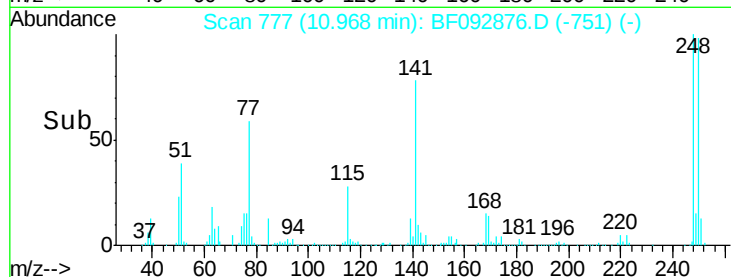
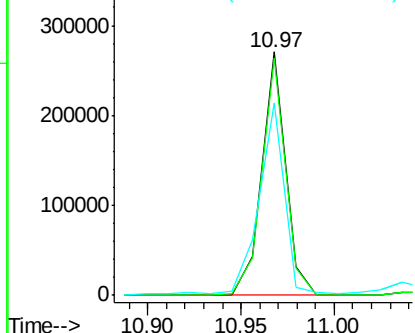
#66
 4-Bromophenyl-phenylether
 Concen: 48.44 ng
 RT: 10.97 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMSD

Tgt Ion:248 Resp: 238082
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.9 115.3
 141 79.1 68.2 102.4

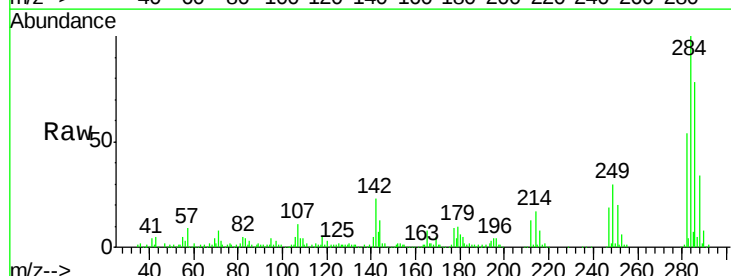


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

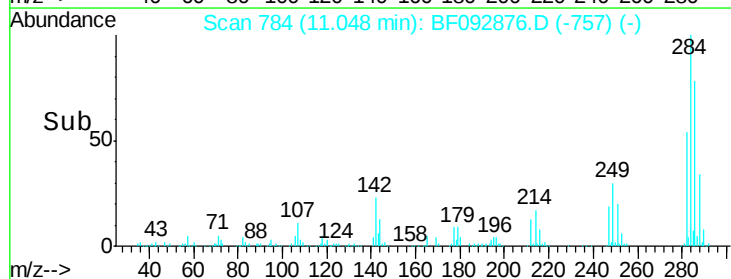
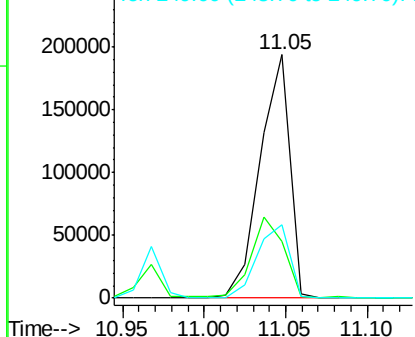


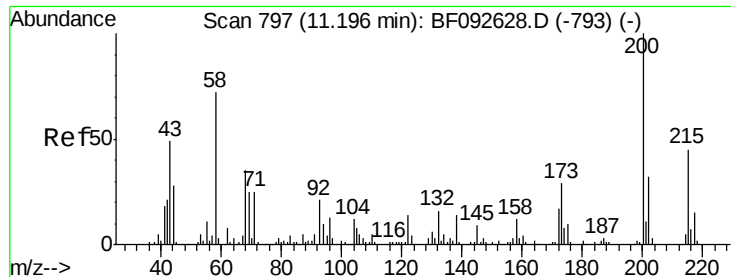
#67
 Hexachlorobenzene
 Concen: 50.68 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Tgt Ion:284 Resp: 246144
 Ion Ratio Lower Upper
 284 100
 142 23.3 22.6 33.8
 249 30.4 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

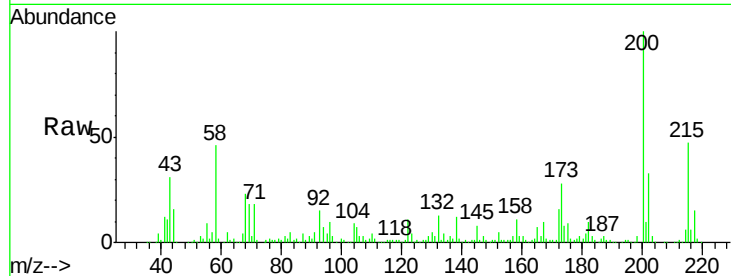




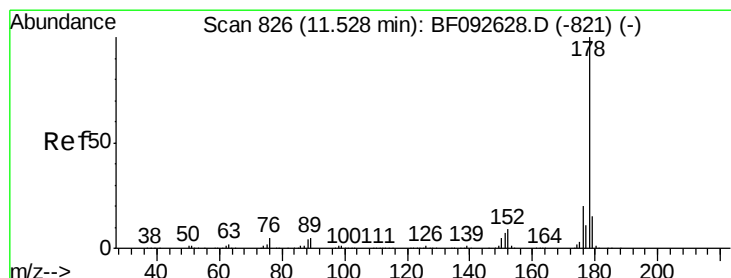
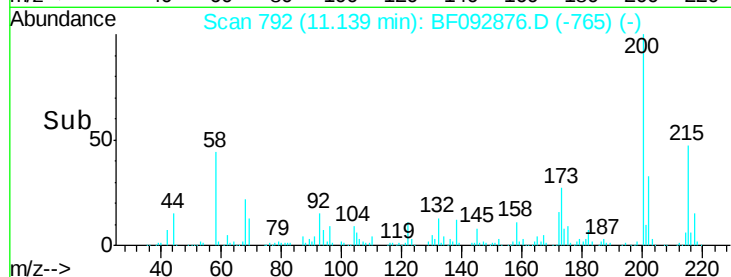
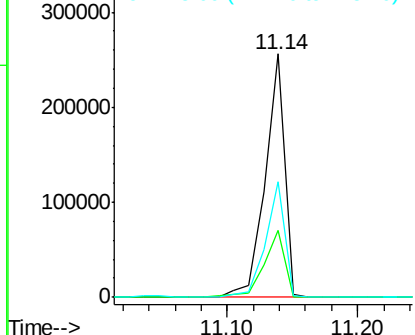
#68
Atrazine
Concen: 55.60 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMSD

Tgt Ion:200 Resp: 268142
Ion Ratio Lower Upper
200 100
173 27.5 9.6 49.6
215 47.3 25.7 65.7

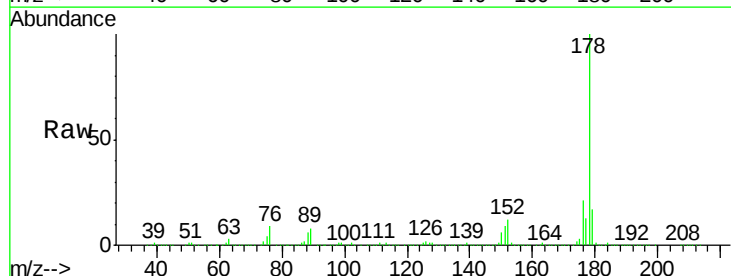


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

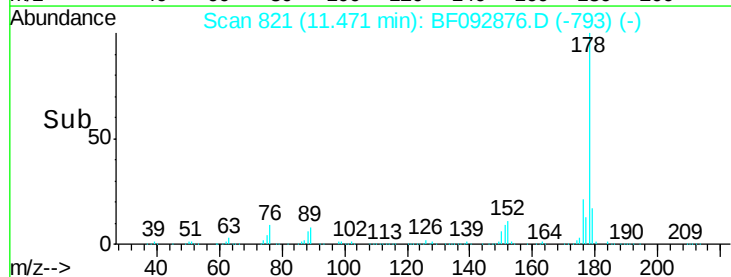
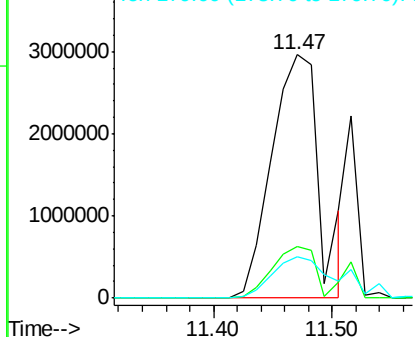


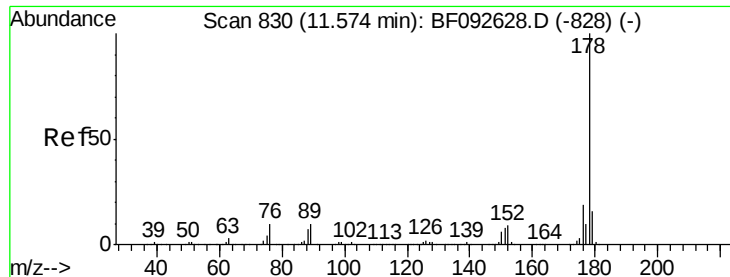
#70
Phenanthrene
Concen: 304.17 ng
RT: 11.47 min Scan# 821
Delta R.T. 0.02 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion:178 Resp: 8198337
Ion Ratio Lower Upper
178 100
176 21.3 16.6 25.0
179 16.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

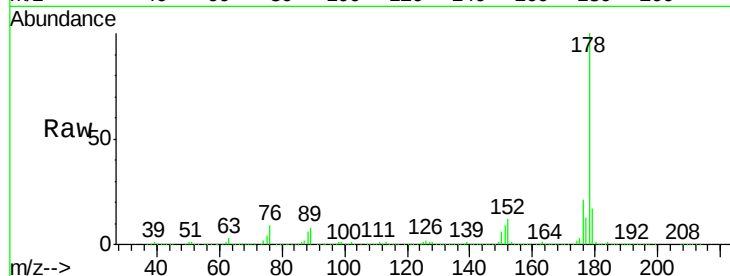




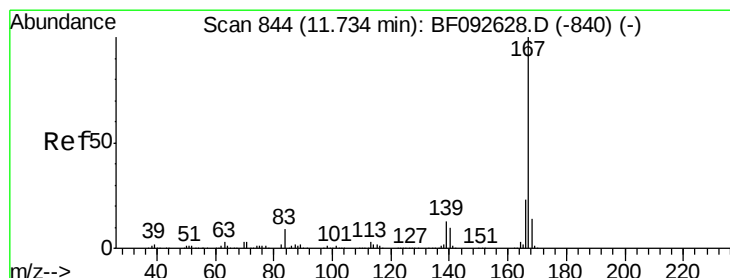
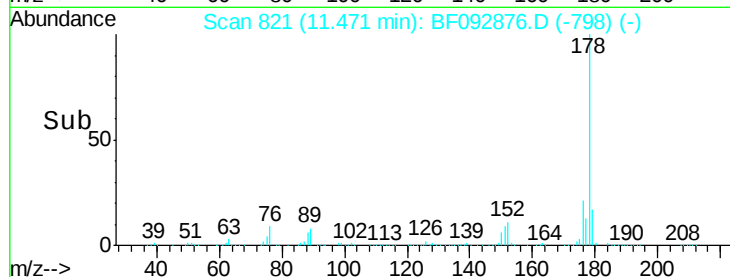
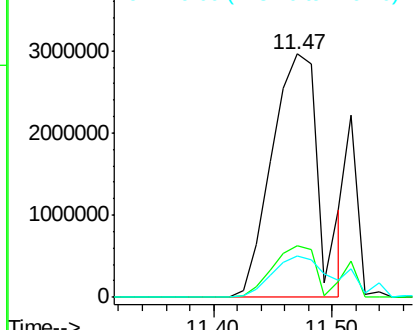
#71
 Anthracene
 Concen: 302.89 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.03 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMSD

Tgt Ion:178 Resp: 8198337
 Ion Ratio Lower Upper
 178 100
 176 21.3 15.9 23.9
 179 16.8 13.2 19.8

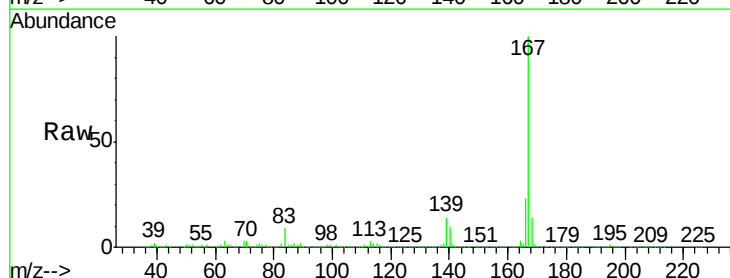


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

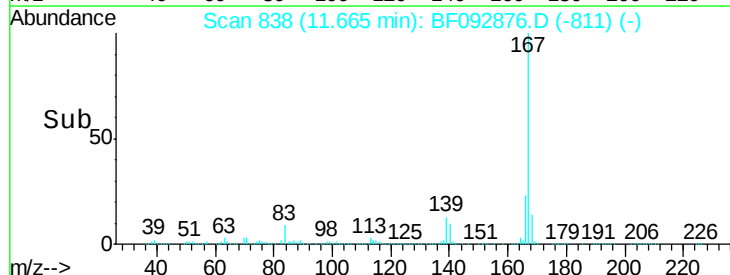
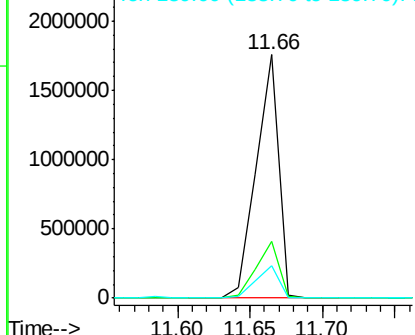


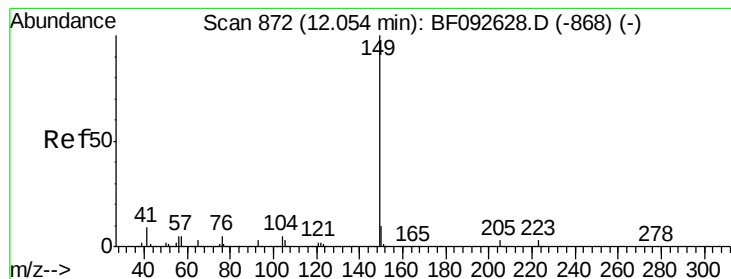
#72
 Carbazole
 Concen: 72.96 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.01 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Tgt Ion:167 Resp: 1887768
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.2 27.2
 139 13.5 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.24 ng

RT: 11.98 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

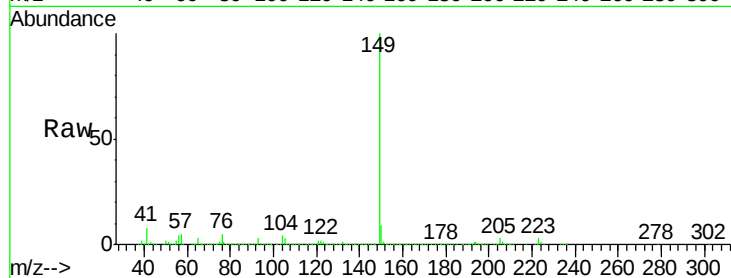
Tgt Ion:149 Resp: 1293973

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

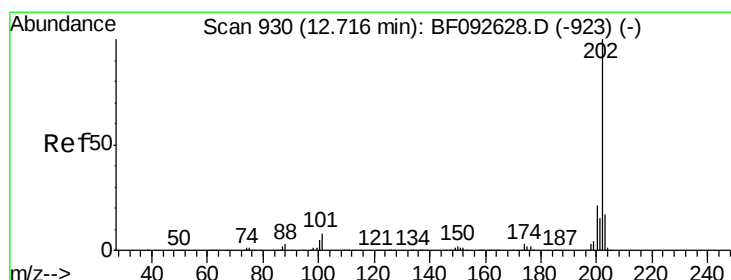
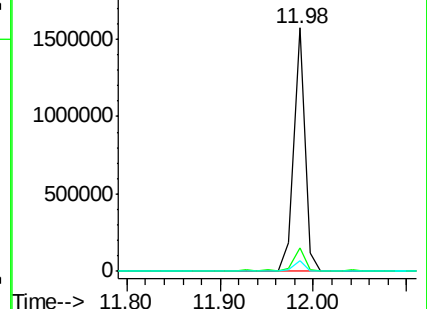
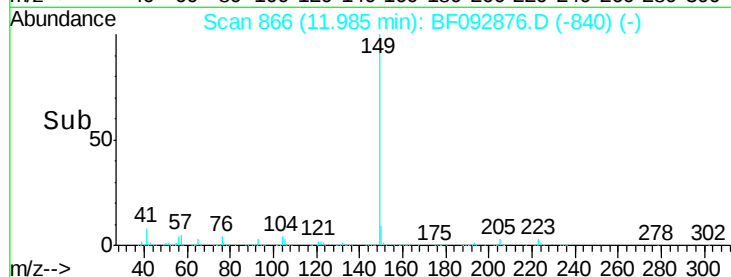
104 4.5 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 180.04 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.02 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

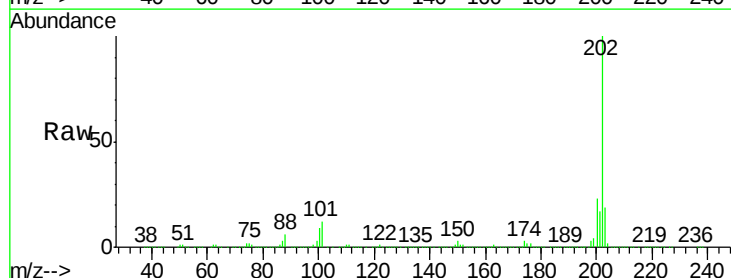
Tgt Ion:202 Resp: 5005442

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.6

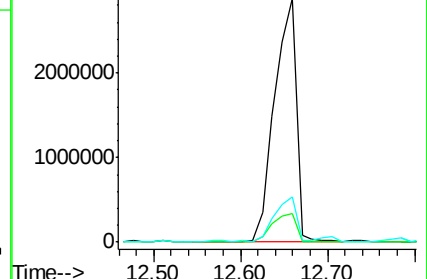
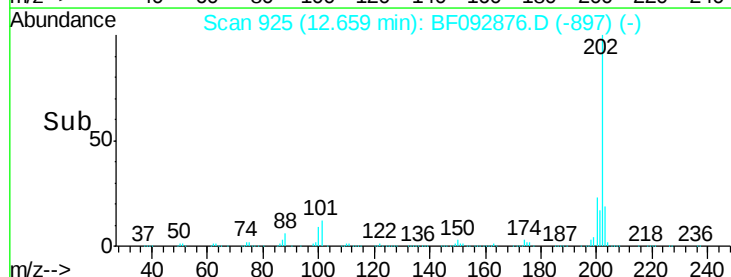
203 18.7 0.0 38.7

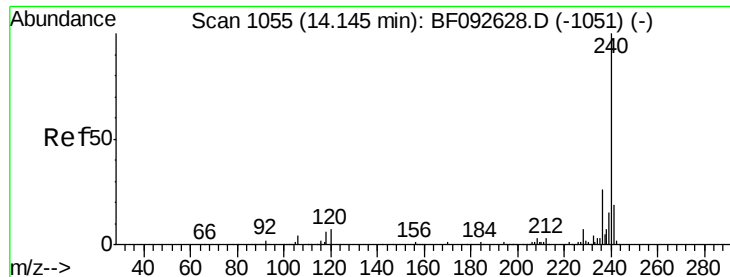


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

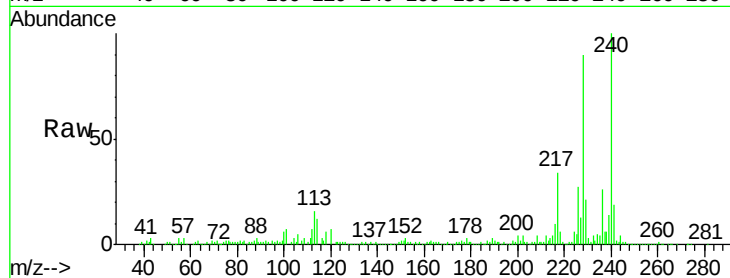
Tgt Ion:240 Resp: 337911

Ion Ratio Lower Upper

240 100

120 7.3 12.9 19.3#

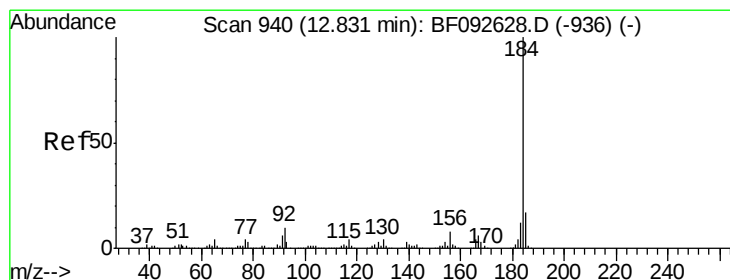
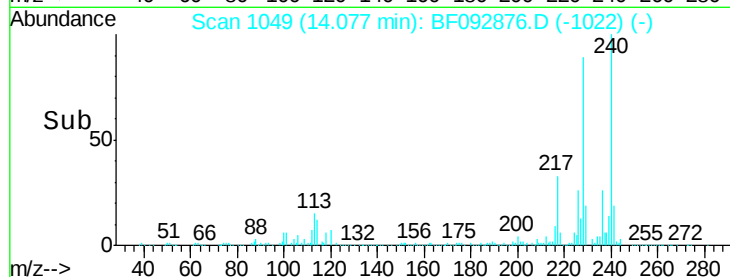
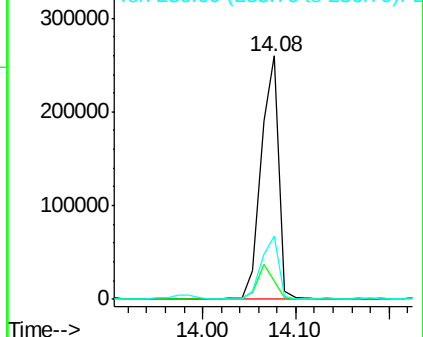
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.22 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

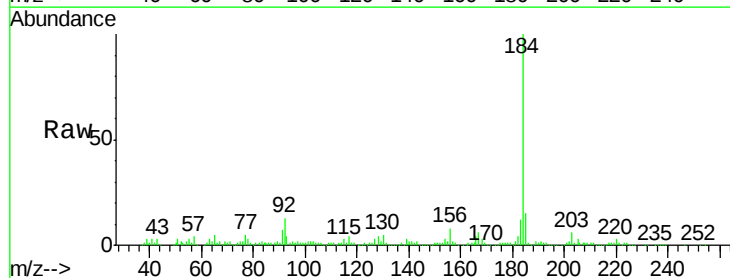
Tgt Ion:184 Resp: 391889

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

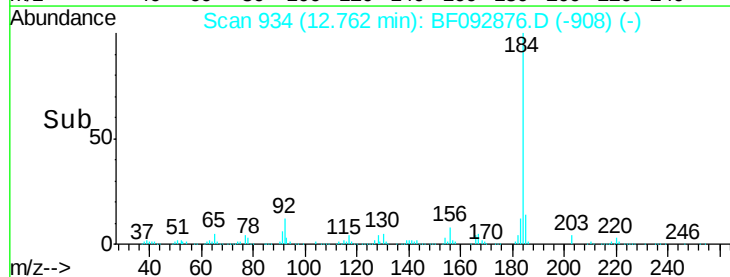
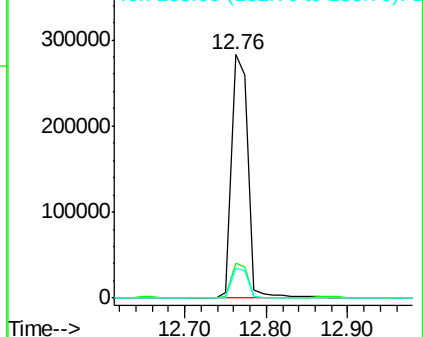
183 12.1 9.2 13.8

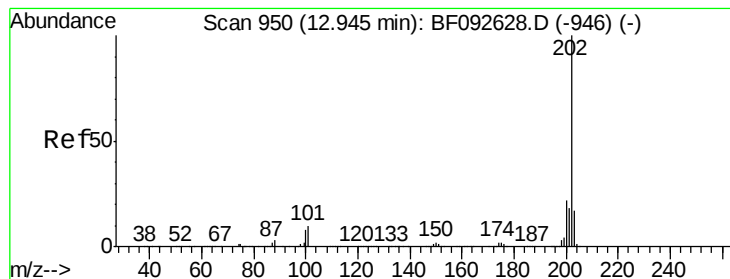


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 163.49 ng

RT: 12.89 min Scan# 945

Delta R.T. 0.02 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

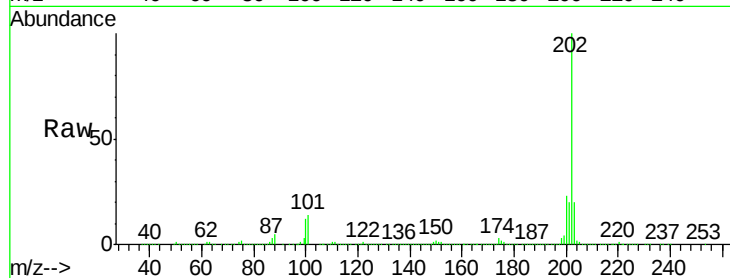
Tgt Ion:202 Resp: 4134415

Ion Ratio Lower Upper

202 100

200 23.3 17.7 26.5

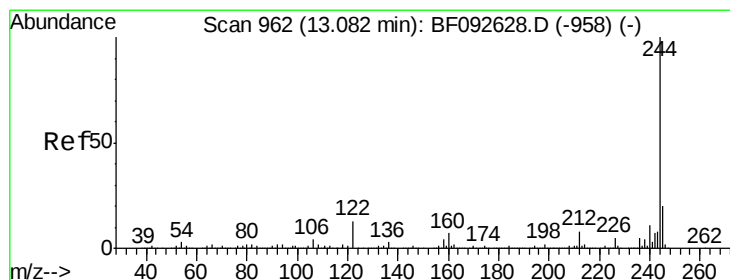
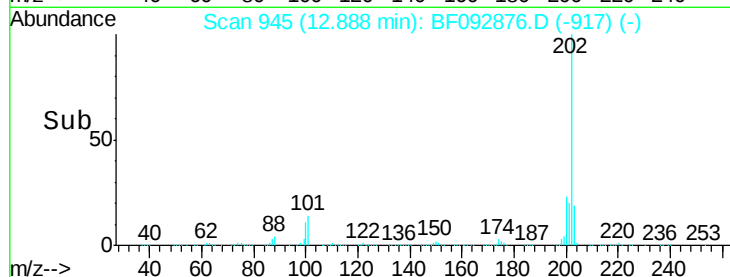
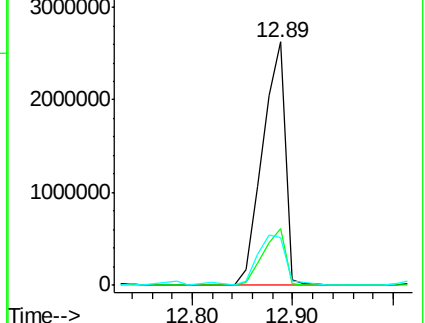
203 19.7 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 102.59 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

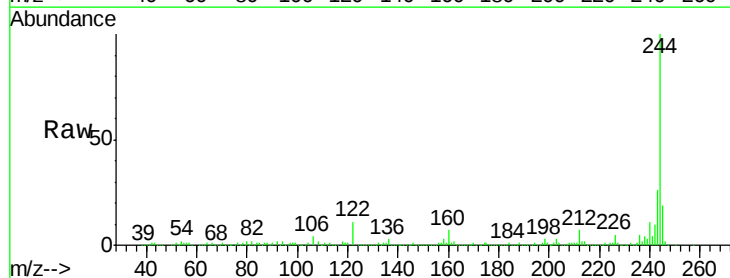
Tgt Ion:244 Resp: 1475310

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

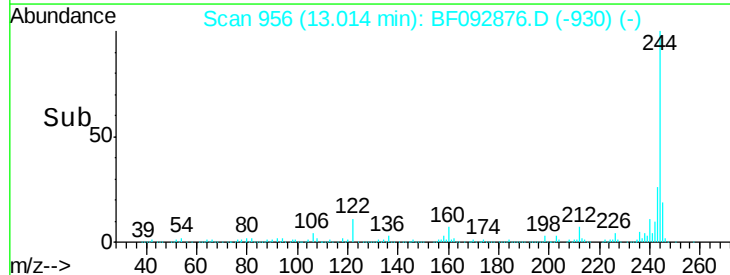
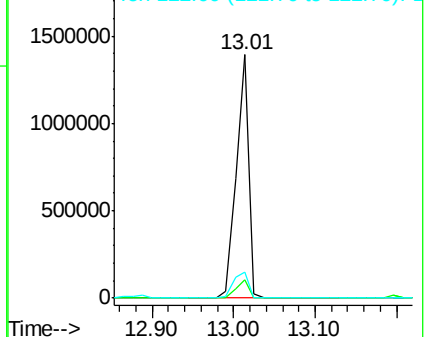
122 10.9 11.4 17.2#

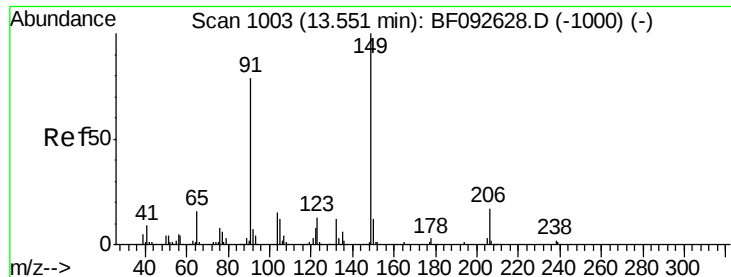


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

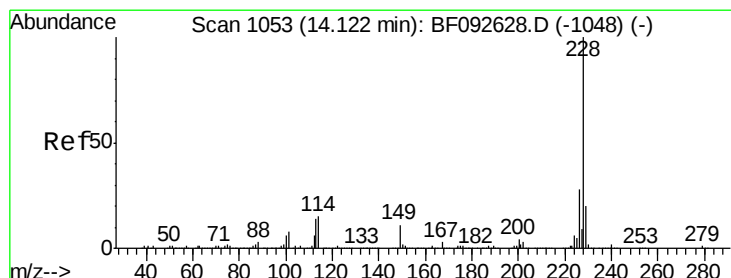
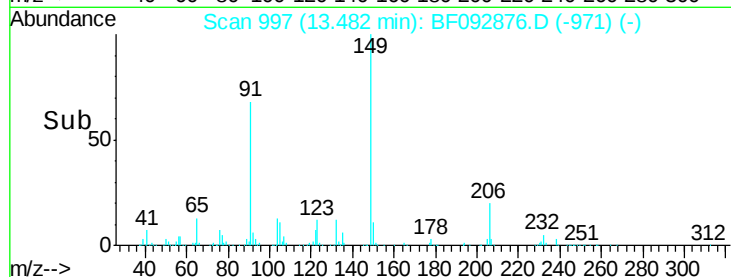
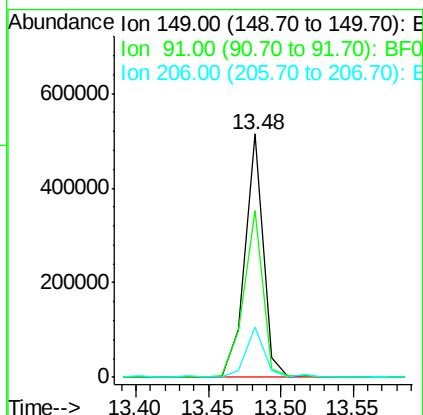
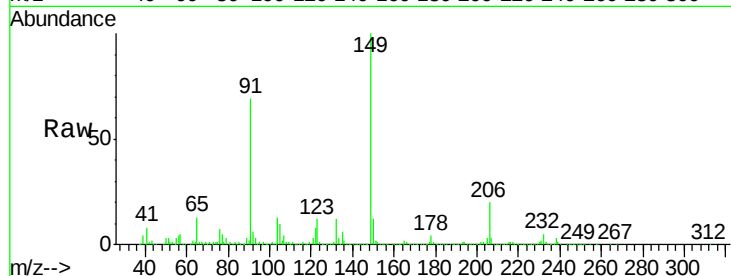




#79
Butylbenzylphthalate
Concen: 43.88 ng
RT: 13.48 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

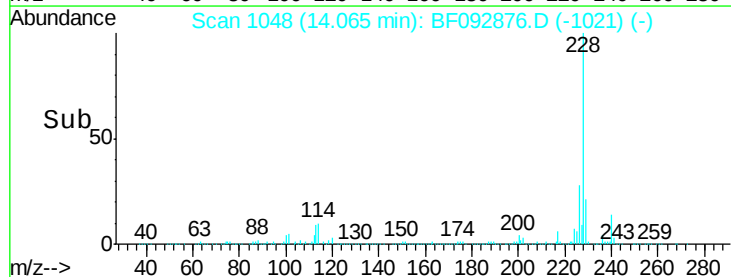
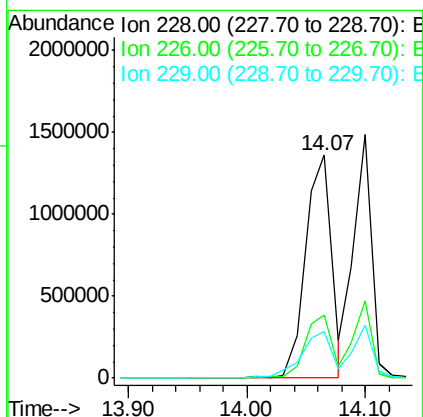
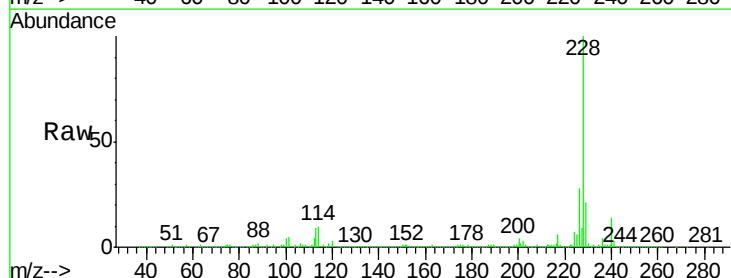
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMSD

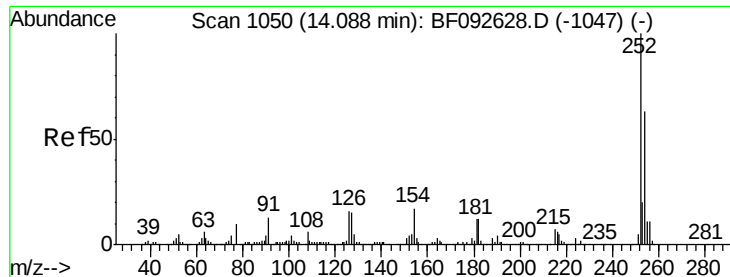
Tgt Ion:149 Resp: 450578
Ion Ratio Lower Upper
149 100
91 68.6 63.9 95.9
206 20.4 14.6 21.8



#80
Benzo(a)anthracene
Concen: 100.12 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion:228 Resp: 2069258
Ion Ratio Lower Upper
228 100
226 28.5 22.4 33.6
229 20.9 16.2 24.4

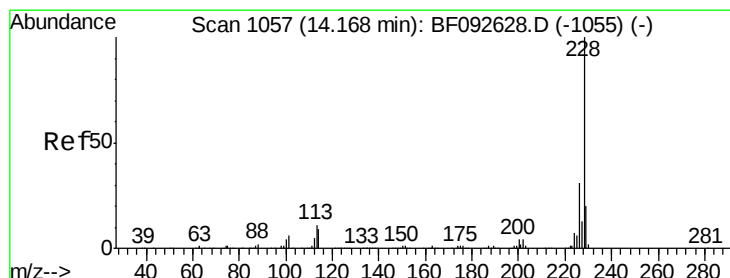
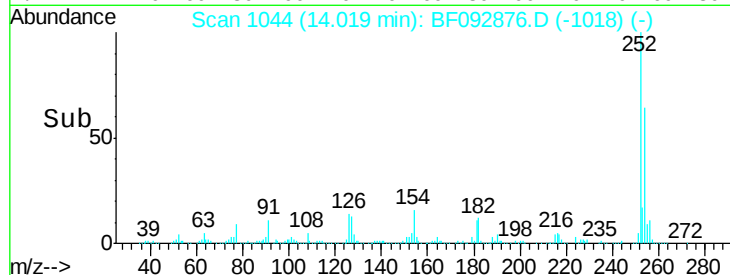
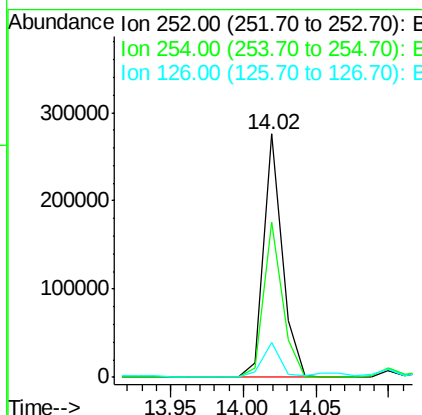
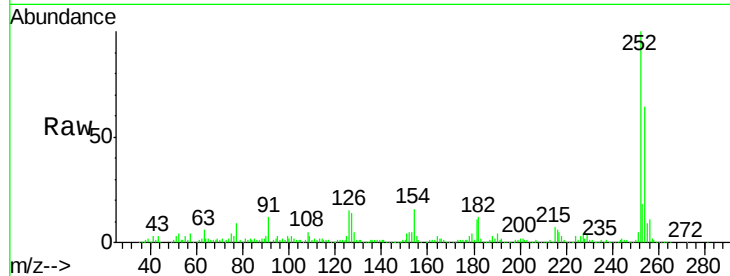




#81
 3,3'-Dichlorobenzidine
 Concen: 33.39 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

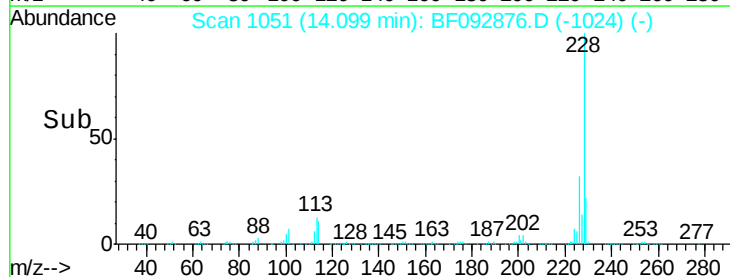
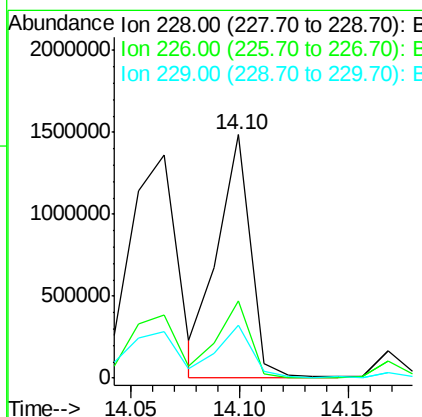
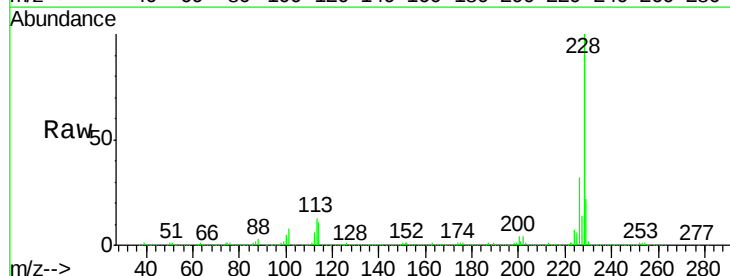
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMSD

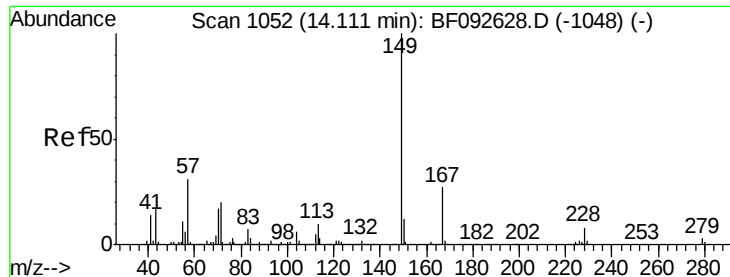
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.3	78.5
126	14.6	13.6	20.4



#82
 Chrysene
 Concen: 80.28 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.0
229	21.8	16.2	24.2

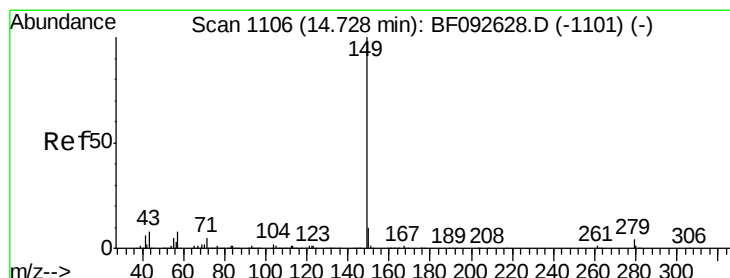
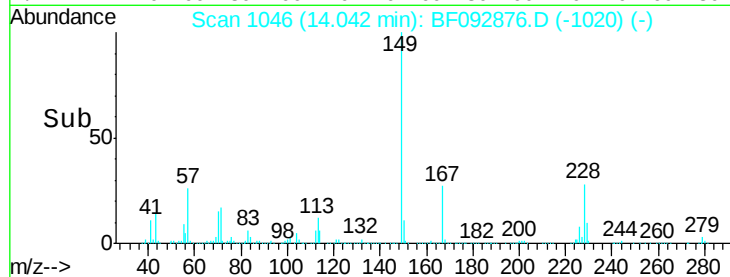
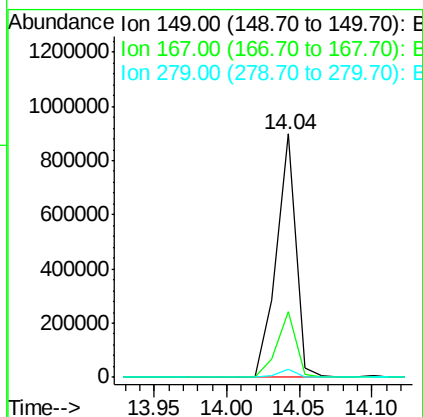
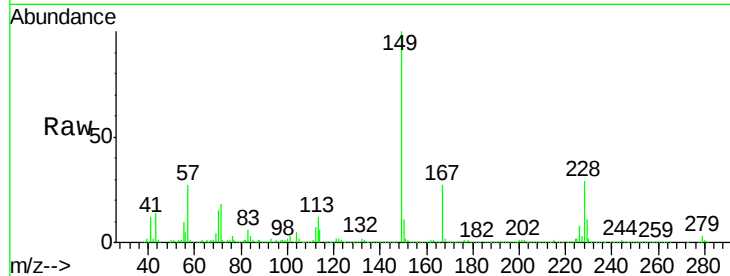




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.55 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

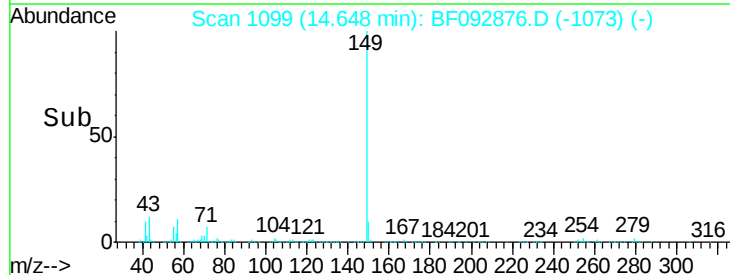
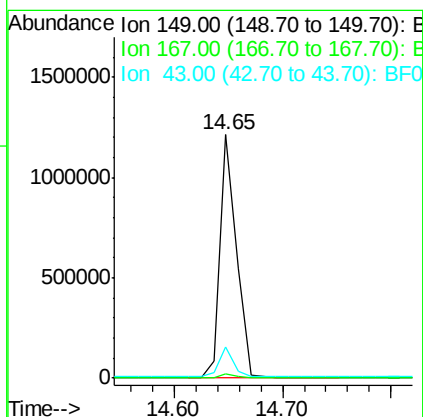
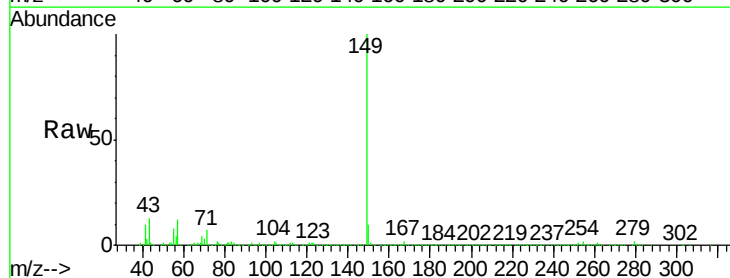
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMSD

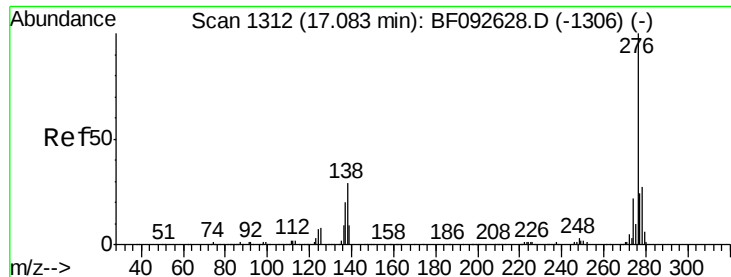
Tgt Ion:149 Resp: 836245
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.2 30.4
 279 3.3 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 55.75 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Tgt Ion:149 Resp: 1275042
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.3 8.9 13.3

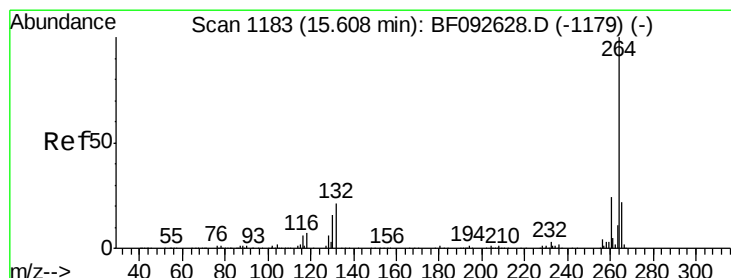
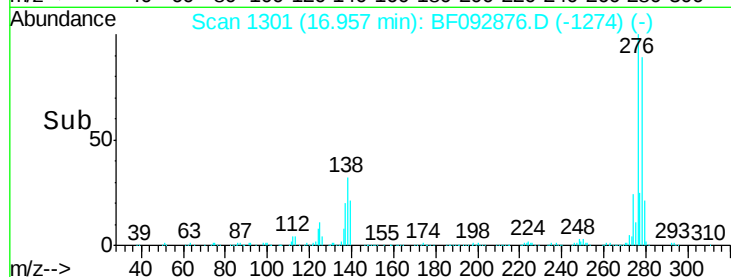
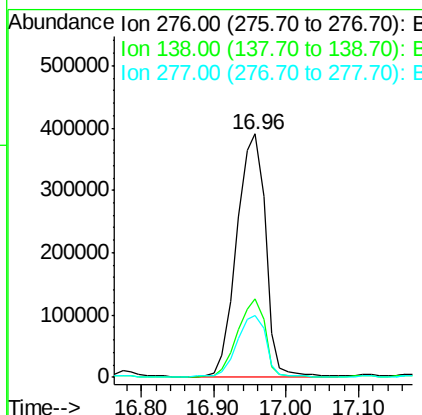
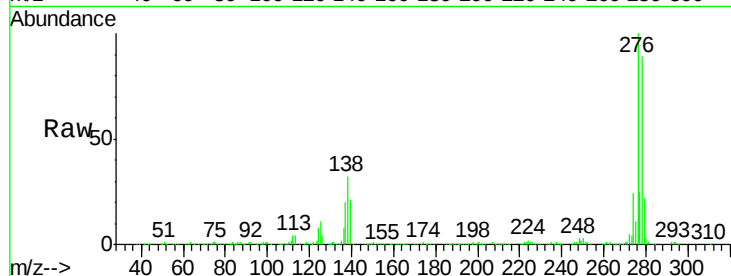




#85
Indeno(1,2,3-cd)pyrene
Concen: 71.97 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

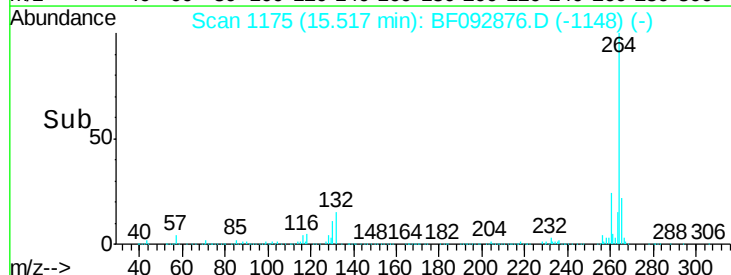
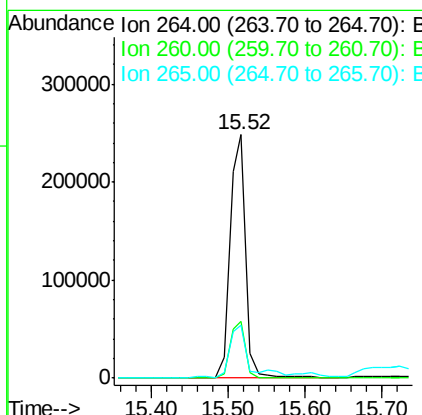
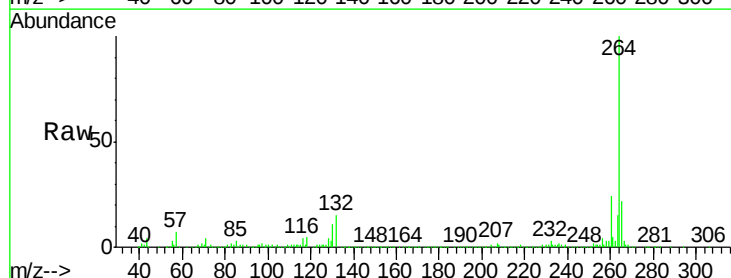
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMSD

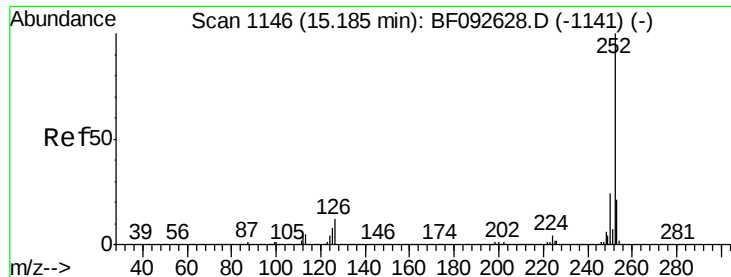
Tgt Ion: 276 Resp: 1078729
Ion Ratio Lower Upper
276 100
138 31.0 21.8 32.6
277 25.7 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion: 264 Resp: 360243
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 110.21 ng

RT: 15.13 min Scan# 1141

Delta R.T. 0.03 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

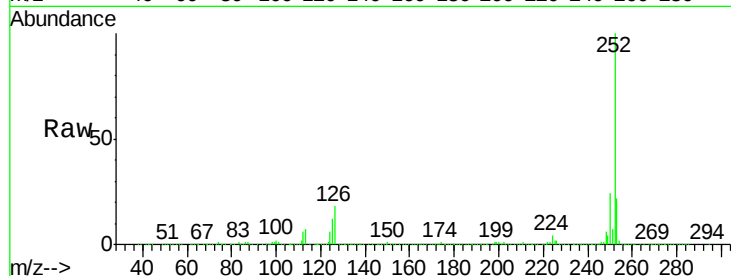
Tgt Ion:252 Resp: 2613182

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

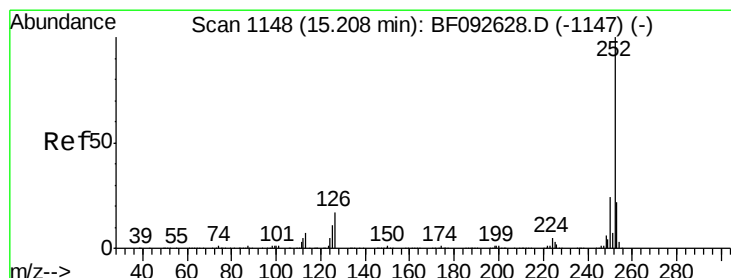
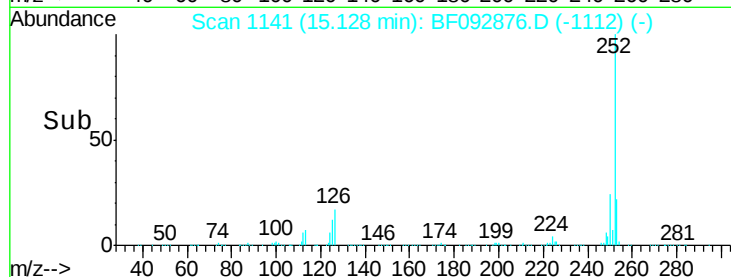
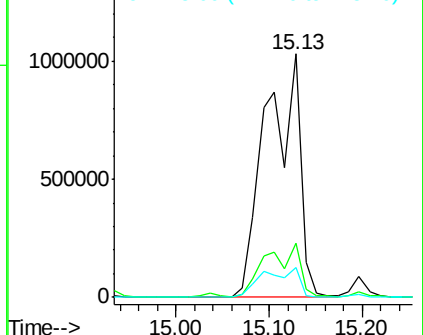
125 12.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 127.64 ng

RT: 15.13 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

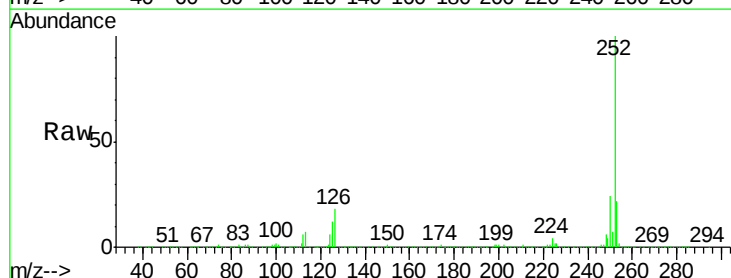
Tgt Ion:252 Resp: 2613182

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

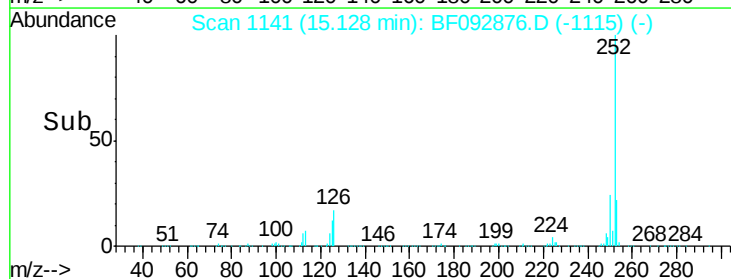
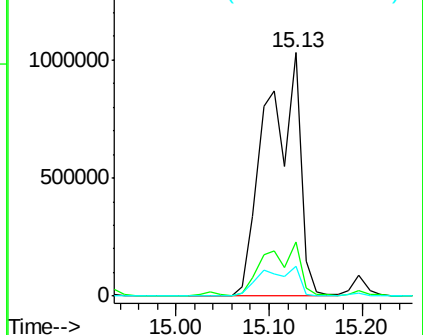
125 12.1 8.9 13.3

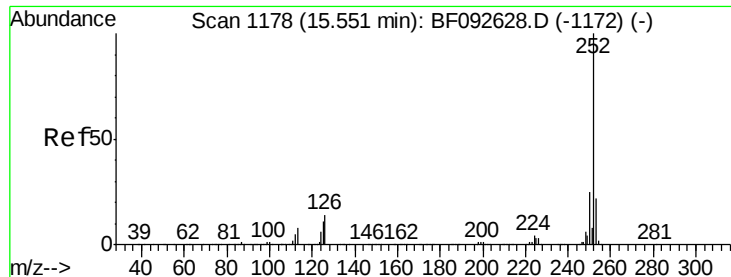


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

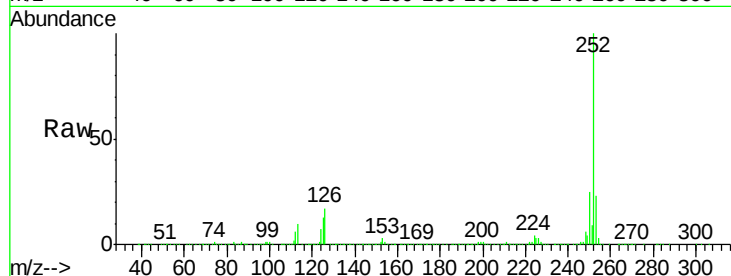




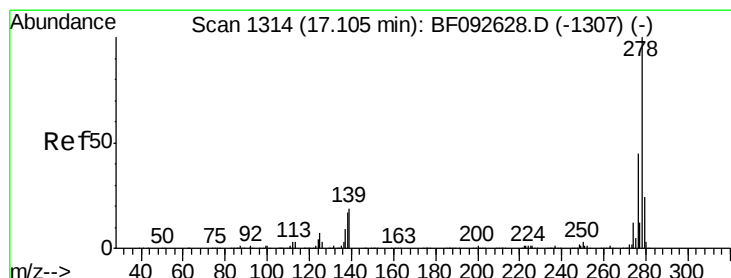
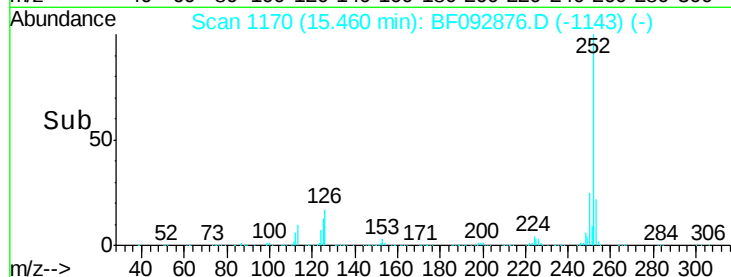
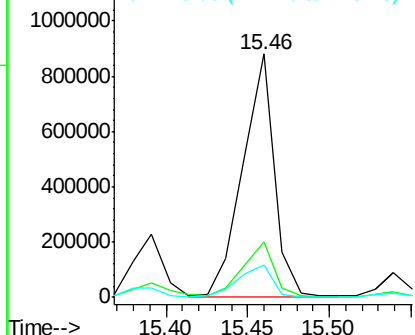
#89
Benzo(a)pyrene
Concen: 57.47 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMSD

Tgt Ion:252 Resp: 1178797
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 13.2 10.0 15.0

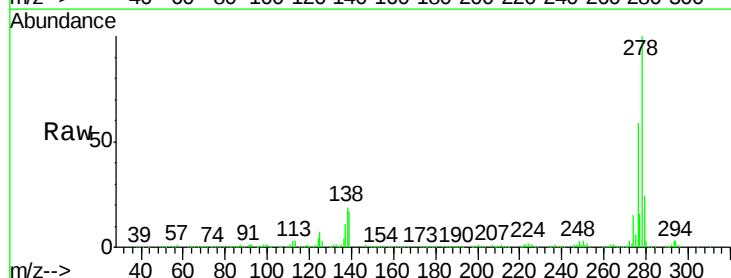


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

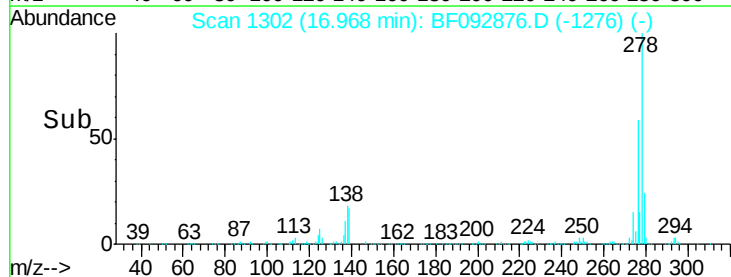
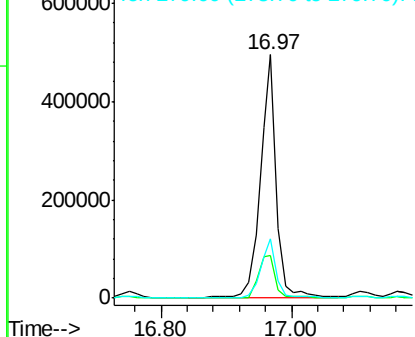


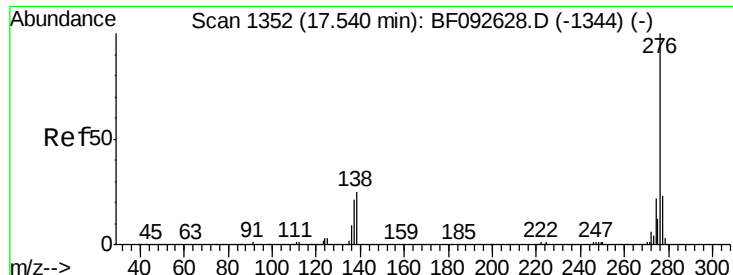
#90
Dibenzo(a,h)anthracene
Concen: 50.57 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion:278 Resp: 838349
Ion Ratio Lower Upper
278 100
139 17.5 14.8 22.2
279 24.4 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 56.52 ng

RT: 17.39 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

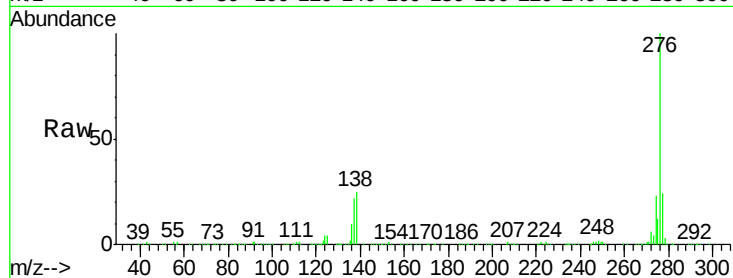
Tgt Ion: 276 Resp: 946540

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 25.5 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

